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April 16, 1968

No. 13 missing

CONTENTS

	Page
1. Retail Gasoline Statistics by Metropolitan Area-1967	1
2. Canadian Crude Oil Requirements 1967 and 1968	3

1. Retail Gasoline Statistics by Metropolitan Area-1967

Retail sales of gasoline in Canada's major metropolitan areas for the year 1967 were 1,289,553,000 gallons. Revised quarterly data are given on page 2.



CONTENTS

1. Retail Gasoline Statistics by Metropolitan Area-1967
2. Canadian Crude Oil Requirements 1967 and 1968

1. Retail Gasoline Statistics by Metropolitan Area-1967

Table 1 lists of gasoline in Canada's major metropolitan areas for the year 1967 were 1,583,527,000 gallons. Revised & slightly data are given on page 2

Retail Gasoline Statistics by Metropolitan Area - 1967

	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year to date
	Outlets	Gallons	Outlets	Gallons	Outlets	Gallons	Outlets	Gallons	Total Gallons(1)
Montreal	2,186	99,896	2,201	110,102	2,229	117,185	2,234	114,965	442,148
Ottawa-Hull	447	20,059	444	21,174	449	22,084	443	22,019	85,336
Toronto-Hamilton	2,294	116,626	2,308	125,085	2,329	127,245	2,315	131,503	500,459
Winnipeg	455	18,852	457	20,109	460	21,253	466	21,666	81,880
Vancouver	1,029	38,887	1,030	46,786	1,034	48,272	1,032	45,785	179,730
Totals:	6,411	294,320	6,440	323,256	6,501	336,039	6,490	335,938	1,289,553

(1) Gallonages are in '000 gallons.

Using vehicle registration statistics, passenger cars per service station in the five metropolitan areas averaged 341. The Toronto - Hamilton area has an average of 394 passenger cars per station, followed by Ottawa - Hull with 342; Winnipeg, 329; Vancouver, 308, and Montreal, 304.

Population per car in these metropolitan areas is estimated at 3.3. This compares favourably with the Canada figure of 3.6. The city of Vancouver has a population per car of 2.8, followed by Toronto - Hamilton, Ottawa - Hull, Winnipeg and Montreal, with the final area registering a ratio of 3.9 persons per car.

During 1967, gasoline sold through retail pump outlets (operating as of December 31, 1967) in the five metropolitan areas averaged 516 gallons per vehicle. Montreal shows an average of 575 gallons; Ottawa - Hull, 503; Toronto - Hamilton, 489; Vancouver, 495; Winnipeg, 475.

With the exception of Winnipeg and Vancouver, metropolitan areas are not identical with census metropolitan areas. Population and vehicle numbers for these are as follows:

	Population (1966 census)	Passenger cars(1)	Commercial vehicles(1, 2)
Montreal	2,646,876	679,000	90,300
Ottawa-Hull	503,714	151,500	18,000
Toronto-Hamilton	2,714,065	911,000	112,700
Winnipeg	508,759	153,800	18,700
Vancouver	892,286	318,000	44,900
Total Canada	20,014,880	5,507,300	1,627,700

(1) 1966 registrations.

(2) Taxis included.

2. Crude Oil Requirements 1967 and 1968

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

	1967		1968			
	Requirements		Requirements		New needs	
	Volume	%	Volume	%	Volume	%
Domestic	615	58	642	57	27	42
Imports	447	42	484	43	37	58
Totals	1,062	100	1,126	100	64	100

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,062,000 barrels daily (B/D) in 1967 to 1,126,000 B/D in 1968, an increase of approximately 6.0%.

Canadian crude requirements for refining are expected to increase by 4.4% from 615,000 B/D in 1967 to 642,000 B/D in 1968, while imported crude requirements for refining are expected to rise by 8.3% from 447,000 B/D in 1967 to 484,000 B/D in 1968.

Forecast new needs of crude oil for refining are expected to amount to 64,000 B/D in 1968, with domestic produced crude supplying 42% of these new needs (27,000 B/D) and imports 58% (37,000 B/D).

Crude oil exports for the second quarter of 1968 are estimated to average 426,000 B/D, an increase of 34,000 over the same period in 1967.

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual		1967			1968			Jan. - Dec.
	1966	1967	Actual			Estimated			
	Jan. - Dec.	Jan. - Dec.	Apr.	May	June	Apr.	May	June	
	'000 barrels per day								
By source:									
Domestic:									
Western	599.6	611.8	568.3	606.8	642.4	650.7	626.0	651.7	638.5
Eastern	3.6	3.4	3.6	3.7	3.6	3.3	3.3	3.3	3.5
Totals	603.2	615.2	571.9	610.5	646.0	654.0	629.3	655.0	642.0
Imported	434.4	446.8	395.0	386.2	443.8	513.8	427.0	473.2	484.1
Total Requirements	1,037.6	1,062.0	966.9	996.7	1,089.8	1,167.8	1,056.3	1,128.2	1,126.1

By location:

Atlantic	110.1	110.0	126.1	90.5	91.6	96.9	87.5	112.9	103.1
Quebec	322.8	335.6	264.9	292.8	349.2	416.8	336.0	357.3	380.2
Ontario	312.8	311.3	301.0	331.1	325.9	365.1	334.5	342.0	329.1
Manitoba	40.0	40.0	32.0	36.1	37.1	41.2	26.1	46.1	40.5
Saskatchewan	62.1	63.0	60.3	59.6	74.3	57.8	73.4	63.4	62.6
Alberta	93.4	97.9	84.5	89.0	101.3	85.2	99.6	100.0	100.1
British Columbia	94.4	102.3	96.2	96.2	108.1	102.2	98.2	104.5	108.4
North West Territories	2.0	1.9	1.9	1.4	2.3	2.6	1.0	2.0	2.1
Total Requirements	1,037.6	1,062.0	966.9	996.7	1,089.8	1,167.8	1,056.3	1,128.2	1,126.1
Export requirements(1)	346.8	412.5	358.5	389.2	429.4	368.4	447.5	462.8	..

(1) Reported by the pipeline companies.
 .. Figures not available.

Catalogue No. 57-002
Vol. 3, No. 13

April 19, 1968.

CONTENTS

	Page
1. Refined Petroleum Products, January 1968	1
2. Preliminary Electric Energy Statistics, February 1968	4

1. Refined Petroleum Products, January 1968

Production of refined petroleum products increased 0.2% in January to 33,665,645 barrels from 33,589,039 in the same month last year, according to an advance release of data that will be contained in the January issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 1.2% in January to 34,598,828 barrels from 34,191,048 a year earlier. There was 0.01% less domestic crude at 19,764,363 barrels versus 19,766,768 and, 2.8% more imported crude at 14,834,465 barrels versus 14,424,280. Domestic disappearance of finished petroleum products increased 18.9% to 46,408,901 barrels from 39,044,761^a in the same month last year.

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REFINERY PRODUCTION In Canada Of Selected Petroleum Products, January 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	626,287	215,867	(2)	710,389	681,764	2,432,400
Quebec	3,049,462	937,275	496,809	2,540,837	3,168,069	11,407,191
Ontario	3,741,360	372,996	487,812	2,168,098	2,002,299	9,892,813
Manitoba	615,399	89,893	174,963	227,797	142,731	1,408,696
Saskatchewan	1,006,253	136,648	300,002	209,457	175,040	2,020,785
Alberta	1,435,121	183,950	600,078	- 13,227	155,131	2,872,053
British Columbia	1,337,953	183,455	945,172	105,562	546,672	3,566,973
North West Territories and Yukon	- 52	-	19,208	23	10,355	64,734
Canada totals	11,811,783	2,120,084	3,024,044	5,948,936	6,882,061	33,665,645

(1) Included with Maritimes. (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, January 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	88,388	135,539	207,259	870,358	800,212	2,155,262
Quebec	-	103,334	60,504	-	81,836	301,478
Ontario	-	-	-	23,122	-	146,134
All other	521	667	217	136,507	328,713	498,123
Canada totals	88,909	239,540	267,980	1,029,987	1,210,761	3,100,997

EXPORTS Of Selected Petroleum Products, January 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	-	-	-	3,694
Ontario	10,814	17,747	13,455	71,655	26,315	173,301
Alberta	-	-	-	-	9,645	15,273
British Columbia	47,384	-	36,531	14,525	-	133,298
All other	-	-	-	-	-	-
Canada totals	58,198	17,747	49,986	86,180	35,960	325,566

NET SALES In Canada Of Selected Petroleum Products, January 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
Barrels of 35 Canadian gallons								
Newfoundland	133,803	175,395	135,664	265,643	238,797	990,472	990,472	960,494
Maritimes	603,852	456,166	276,910	1,407,098	1,116,267	3,982,998	3,982,998	3,379,376
Quebec	2,777,722	1,222,178	503,891	5,457,090	3,107,944	14,136,381	14,136,381	11,016,336
Ontario	3,989,288	578,696	601,010	6,505,783	2,545,678	15,379,861	15,379,861	12,818,553
Manitoba	483,623	234,499	164,671	334,315	123,357	1,434,424	1,434,424	1,282,505
Saskatchewan	569,471	268,853	180,609	239,827	67,351	1,386,768	1,386,768	1,294,439
Alberta	1,074,046	92,720	420,207	127,429	48,146	1,906,869	1,906,869	1,645,527
British Columbia	997,600	280,401	541,870	741,014	1,044,968	3,898,667	3,898,667	3,906,130
North West Territories and Yukon	13,475	10,393	11,800	24,643	-	67,599	67,599	50,078
Canada Totals	10,642,880	3,319,301	2,836,632	15,102,842	8,292,508	43,184,039	-	-
Canada cumulative 1968	10,642,880	3,319,301	2,836,632	15,102,842	8,292,508	-	43,184,039	-
Canada cumulative 1967	9,497,970	2,637,771	2,658,694	11,464,810	7,190,896	-	-	36,353,438

2. Preliminary Electric Energy Statistics, February 1968

Net generation of electric energy increased 8.5% to 14,915,510 thousand kwh. in February 1968 from 13,746,186 thousand kwh. in February 1967.

Imports were up 36% while exports were down fractionally. Secondary energy consumption continued to decline with a drop of 13% in February. As a result of the increase in generation and imports and the decrease in exports and secondary energy, firm energy consumption in Canada rose 9.7% over February of last year. This represents the largest increase in over 12 months.

Cumulative monthly statistics show that net generation in 1967 amounted to 164,879 million kwh., an increase of 4.6% over 1966. This compares with a 9.6% increase in 1966 over 1965. The small increase in 1967 was due to a sharply reduced consumption of electric energy during the latter half of the year. During the year consumption by domestic and general service customers increased by 10% and 17% respectively while industrial consumption rose by only 1.7%. The general service and industrial data are somewhat misleading as some companies eliminated their power service rate in 1967 and thus the 1966 and 1967 data are not directly comparable. Nevertheless, the sum of general service and industrial consumption figures shows an increase of only 3.6% in 1967 which is considerably below the average for recent years.

Preliminary Electric Energy Statistics

(thousand Kwh)

	February		
	1966	1967	1968
Net generation - Hydro	10,136,765 ^r	10,768,097 ^r	11,265,404
Thermal	2,458,144 ^r	2,978,089 ^r	3,650,106
Total net generation	12,594,909 ^r	13,746,186 ^r	14,915,510
Energy imported from U.S.A.	213,019	286,597	389,732
Energy exported to U.S.A.:			
Firm	44,734	42,737	56,502
Secondary	233,584	295,278	279,744
Total exported to U.S.A.	278,318	338,015	336,246
Net energy used in Canada	12,529,610 ^r	13,694,768 ^r	14,968,996
Secondary energy used in Canada	325,879 ^r	262,568	228,368
Firm energy used in Canada	12,203,731 ^r	13,432,200 ^r	14,740,628

^r Revised figures.

Catalogue No. 57-002
Vol. 3 No. 14

April 29, 1968

CONTENTS

	Page
1. Oil Pipeline Transport, December 1967	1
2. Sales of Natural Gas, January 1968	3

Oil Pipeline Transport, December 1967

Oil movements by Canadian oil pipelines increased 3.7% in December 1967 with receipts of 52,154,006 barrels compared with 50,301,379 in the preceding year. Within this increase, import receipts increased by 0.5%.

Total traffic amounted to 23,074 million barrel miles with an average length of haul of 449.8 miles.

These data are summarized from the December Oil Pipeline Transport report Catalogue No. 55-001.



6503-521

Oil Pipeline Transport, December 1967

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G. 'S.	Total December 1967	Total December 1966	% of increase or decrease over 1966
<u>Net receipts</u>					
Domestic	33,120,707	7,880,546	41,001,253	39,203,067	4.6
Imports	11,098,141	54,612	11,152,753	11,098,312	0.5
Total net receipts..	44,218,848	7,935,158	52,154,006	50,301,379	3.7
<u>Net deliveries</u>					
Domestic	30,091,074	7,541,088	37,632,162	37,279,467	0.9
Exports	13,346,453	318,778	13,665,231	12,546,796	8.9
Total net deliveries	43,437,527	7,859,866	51,297,393	49,826,263	3.0
Inventory change	654,288	71,385	725,673	369,771	-

2. Sales of Natural Gas January 1968

Total sales of natural gas to Canadian consumers by distributors for January 1968 were 91,163,963 Mcf. This was an increase of 15.3% over the same month last year. Revenue from sales was \$65,082,399.

Sales to residential customers accounted for 41.4%, to industrial customers 34.4% and to commercial customers 24.2%.

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	131	1,212	4,967	16,200
Quebec	93,129	204,713	1,624,703	2,516,465
Ontario	543,887	677,789	15,706,438	18,279,064
Manitoba	99,545	102,119	3,306,576	2,794,197
Saskatchewan	110,987	116,416	3,650,964	2,391,063
Alberta	245,169	250,841	8,697,119	4,105,088
British Columbia	168,166	187,789	3,341,213	4,732,215
Canada	1,261,014	1,540,879	36,331,980	34,834,292
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,395	2,395	1,843,374	1,730,794
Ontario	7,425	7,425	13,141,205	8,200,359
Manitoba	288	288	1,074,435	336,810
Saskatchewan	586	586	4,078,459	1,064,946
Alberta	562	562	9,724,860	1,927,257
British Columbia	221	221	3,054,609	1,287,327
Canada	11,477	11,477	32,916,942	14,547,493
Firm	10,387	10,387	24,805,904	11,854,957
Interruptible	1,090	1,090	8,111,038	2,692,536
Commercial:				
New Brunswick	60	60	3,204	6,403
Quebec	10,173	10,173	695,126	855,883
Ontario	59,736	59,736	8,229,926	7,472,953
Manitoba	9,242	9,242	2,272,112	1,431,337
Saskatchewan	15,956	15,956	2,038,209	1,069,830
Alberta	28,278	28,278	6,978,257	2,530,167
British Columbia	24,291	24,291	1,912,652	2,130,792
Canada	147,736	147,736	22,129,486	15,497,365
Total sales:				
New Brunswick	1,272	1,272	8,171	22,603
Quebec	217,281	217,281	4,163,203	5,103,142
Ontario	744,950	744,950	37,077,569	33,952,376
Manitoba	111,649	111,649	6,653,123	4,562,344
Saskatchewan	132,958	132,958	9,767,632	4,525,839
Alberta	279,681	279,681	25,400,236	8,562,512
British Columbia	212,301	212,301	8,308,474	8,150,334
Canada	1,700,092	1,700,092	91,378,408	64,879,150
Total exports			52,092,912	13,416,422
Total imports			6,173,198	2,829,684

Catalogue No. 57-002
Vol. 3, No. 15

May 1, 1968

CONTENTS

	Page
1. Coal and Coke Statistics, February 1968	1
2. Preliminary (1) Report on Coal Production, March 1968	3

1. Coal and Coke Statistics, February 1968

Coal production for the month of February 1968 amounted to 994,240 tons a decrease of 1.9% from the February 1967 production of 1,013,752, while landed imports were 88,814 tons compared with 74,449 tons for the month of February 1967. Consumption by industrial consumers amounted to 1,595,786 tons of coal and 494,600 of coke, an increase of 32,208 tons of coal and an increase of 53,355 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 4,752,847 tons from 4,718,783 tons in February 1967.

Coke production during the month of February 1968 increased to 434,334 tons from 321,368 tons in February 1967, while coke used in blast furnaces increased to 349,719 tons from 288,462 tons during the same period.

The above data will be published in the February edition of Coal and Coke Statistics, Catalogue No. 45-002.



6503-521

Coal and Coke Statistics, February 1968

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	1,234	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	270,699	38,432	221,008	59,318	15,325	30,976	-
New Brunswick	63,467	70	62,722	53,656	50,892	-	-
Quebec	-	14,198	-	115,246	302,185	50,762	67,090
Ontario	-	34,692	-	958,334	3,853,582	387,087	87,322
Manitoba	-	-	-	80,323	87,026	67	176
Saskatchewan	282,864	188	282,438	178,451	210,830	-	-
Alberta	298,372	-	286,054	141,718	29,641	274	192
British Columbia and Yukon ...	78,838	-	51,942	8,740	8,577	25,434	40,009
Total Canada 1968	994,240	88,814	904,164	1,595,786	4,558,058	494,600	194,789
Total Canada 1967	1,013,752	74,449	952,802	1,563,578	4,437,598	441,245	281,185

2. Preliminary(1) Report on Coal Production

March 1968

Preliminary coal production for the month of March amounted to 997,887 tons, a decrease of 3.2% from the March 1967 preliminary production of 1,030,739 tons. Landed imports were 85,987 tons compared with 82,109 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
	net tons of 2,000 pounds			
<u>March</u>				
Newfoundland	-	-	-	-
Nova Scotia	327,583	-	320,465	27,364
New Brunswick	72,712	74	59,473	-
Quebec	-	21,177	-	12,673
Ontario	-	59,807	-	45,417
Manitoba	-	617	-	-
Saskatchewan	214,566	404	237,135	533
Alberta - Bituminous	80,167	-	84,312	-
Sub-bituminous	253,116	-	221,897	-
British Columbia and Yukon ..	82,595	30	74,605	-
Canada totals	1,030,739	82,109	997,887	85,987

Three months ended March

Newfoundland	-	7,007	-	5,874
Nova Scotia	987,958	50,816	884,735	121,861
New Brunswick	200,761	74	189,291	141
Quebec	-	70,742	-	41,607
Ontario	-	147,564 ^r	-	114,291
Manitoba	-	1,103	-	-
Saskatchewan	713,893	404	813,302	792
Alberta - Bituminous	237,180	-	242,723	-
Sub-bituminous	852,681	-	724,142	-
British Columbia and Yukon ..	235,002	172	219,634	-
Canada totals	3,227,475	277,882 ^r	3,073,827	284,566

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

(2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(3) All figures are preliminary.



For further information write to D.B.S. Industry Division, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 - Vol. 3 No. 16

May 9, 1968

CONTENTS

	Page
1. Refined Petroleum Products, February, 1968	1
2. Errata to Service Bulletin of April 16, 1968	4

1. Refined Petroleum Products

Production of refined petroleum products increased 14.0 % in February to 34,178,061 barrels from 29,987,726 in the same month last year, according to an advance release of data that will be contained in the February issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 9.9 % in February to 32,053,083 barrels from 29,155,148 a year earlier. There was 17.5 % more domestic crude at 19,682,056 barrels versus 16,751,319 and .03 % less imported crude at 12,371,027 barrels versus 12,403,829. Domestic disappearance of finished petroleum products increased 11.8 % to 45,052,293 barrels from 40,296,444 in the same month last year.



6503-521

NET SALES In Canada Of Selected Petroleum Products, February 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
Newfoundland	131,587	157,514	167,401	241,384	302,072	1,039,060	2,029,532	1,767,744
Maritimes	600,363	414,460	252,432	2,040,563	1,055,798	4,502,341	8,485,339	6,735,774
Quebec	2,633,452	1,081,081	566,446	5,611,128	2,894,431	13,788,107	27,924,488	22,957,623
Ontario	3,924,594	515,912	588,860	6,071,169	2,514,408	14,753,741	30,133,602	26,408,228
Manitoba	469,180	183,066	159,723	314,033	100,634	1,353,383	2,787,807	2,570,536
Saskatchewan	539,401	191,297	147,617	223,830	50,010	1,222,571	2,609,339	2,589,318
Alberta	1,015,796	80,665	405,105	122,398	44,209	1,849,667	3,756,536	3,350,508
British Columbia	1,016,741	249,300	530,651	679,006	853,907	3,620,526	7,519,193	7,265,666
North West Territories and Yukon	17,629	7,769	20,099	27,167	-	83,828	151,427	114,141
Canada Totals	10,348,743	2,881,064	2,838,334	15,330,678	7,815,469	42,213,224	-	-
Canada cumulative 1968	20,991,623	6,200,365	5,674,966	30,433,520	16,107,977	-	85,397,263	-
Canada cumulative 1967	18,888,769	5,453,383	5,382,430	24,453,292	13,799,816	-	-	73,759,538

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, February 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	842,826	88,790	(2)	800,372	735,197	3,023,768
Quebec	3,116,275	1,125,451	1,257,791	2,667,488	3,172,189	11,903,944
Ontario	3,593,720	516,097	433,109	2,362,411	1,861,335	9,930,714
Manitoba	598,703	81,996	118,864	182,184	101,467	1,274,615
Saskatchewan	856,157	148,467	242,063	240,929	145,347	1,866,355
Alberta	1,340,663	42,513	480,248	187,958	157,112	2,760,764
British Columbia	1,241,838	197,768	930,056	75,385	461,402	3,372,310
North West Territories and Yukon	- 166	-	17,997	15	10,452	45,591
Canada totals	11,590,016	2,201,082	3,480,128	6,516,742	6,644,501	34,178,061

(1) Included with Maritimes. (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, February 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	413,028	459,305	174,271	563,702	1,792,789
Quebec	-	-	15	446,905	18,920	523,468
Ontario	-	-	11,836	65,144	21,580	225,905
All other	352	159	5,024	134,114	767,779	943,189
Canada totals	352	413,187	476,180	820,434	1,371,981	3,485,351

EXPORTS Of Selected Petroleum Products, February 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	9,937	-	-	12,969
Ontario	40,772	13,129	14,685	57,665	27,282	186,176
Alberta	-	-	-	-	2,160	2,160
British Columbia	46,261	-	36,599	20,744	-	146,966
Canada totals	87,033	13,129	61,221	78,409	29,442	348,271

Service Bulletin

April 16, 1968

ERRATARetail Gasoline Statistics by Metropolitan Area-1967

Delete previous Toronto-Hamilton data and substitute the following:

	1st quarter		2nd quarter		3rd quarter		4th quarter		Year to date
	Outlets	Gallonage	Outlets	Gallonage	Outlets	Gallonage	Outlets	Gallonage	Total Gallonage(1)
Toronto-Hamilton	2,315	117,173	2,330	125,669	2,351	127,896	2,339	132,104	502,842
Revised total	6,432	294,867	6,462	323,840	6,523	336,690	6,514	336,539	1,291,936

(1) Gallonages are in '000 gallons.



For further information write to D.B.S. Industry Division, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

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Vol. 3 N^o. 17

May 13, 1968

Net Cash Expenditures of the Oil and Gas - Exploration, Development and Production Industry 1967

Expenditures by the oil and gas industry during 1967 for exploration, development and production purposes amounted to \$1,170,578,000, an increase of 129 million dollars or 12% over the 1966 expenditures. Western Canada accounted for 97.9% of the industry expenditures, with Alberta accounting for 72.0% of the total followed by Saskatchewan (12.5%) and British Columbia (10.4%).

In Western Canada geological and geophysical expenditures increased 55.2% to \$135,924,000 from \$87,600,000, while land acquisition, rentals and retention decreased 6.4% to \$210,055,000 from \$223,495,000 in 1966. Exploratory and development drilling expenditures were almost unchanged - \$233,423,000 in 1967 compared to \$233,778,000 in 1966.

Capital expenditures by the industry in Canada increased about \$18 million, while capital expenditures by gas plants increased \$52 million.



6503-521

TABLE 1. Net Cash Expenditures of the Petroleum Industry - 1966

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Total Western Canada	Ontario	Quebec Atlantic Provinces Offshore areas	Total Canada 1966
in thousands of dollars									
1. Exploration:									
(a) Geological and geophysical expenditures	415	6,350	68,047	7,000	5,788	87,600	465	11,809(1)	99,874
(b) Land acquisition, rentals and retention	1,708	17,882	170,005	26,100	7,800	223,495	824	-	224,319
(c) Exploratory drilling:									
Dry	377	7,476	46,782	12,484	6,826	73,945	1,085	-	75,030
Productive - Oil	100	1,755	16,848	1,187	-	19,890	49	-	19,939
Gas/condensate ...	-	109	12,030	3,329	3,700	19,168	97	-	19,265
2. Development drilling:									
Dry	92	3,510	13,194	1,591	-	18,387	326	-	18,713
Productive - Oil	435	18,753	56,768	4,976	-	80,932	251	-	81,183
Gas/condensate	-	615	18,020	2,821	-	21,456	637	-	22,093
3. Capital expenditures:									
(a) Field equipment - Oil	181	11,605	24,309	3,256	300	39,651	172	-	39,823
Gas/condensate	-	1,198	11,018	1,678	-	13,894	258	-	14,152
(b) Secondary recovery and pressure maintenance	407	5,523	10,020	1,501	-	17,451	9	-	17,460
(c) Other	285	2,874	10,235	685	-	14,079	96	-	14,175
4. Operation of wells - Including flow line and related facilities	2,477	38,400	77,188	6,852	296	125,213	2,513	-	127,726
5. Operations of natural gas plants:									
(a) Capital expenditures	-	1,396	44,248	11,207	-	56,851	64	-	56,915
(b) Operating expenditures	-	1,523	36,140	2,849	-	40,512	84	-	40,596
6. General:									
(a) Taxes (excluding income tax)	255	2,994	8,539	315	-	12,103	253	-	12,356
(b) Royalties	1,639	29,025	91,290	7,800	185	129,939	537	-	130,476
(c) All other expenses not allocated above	155	2,690	23,127	1,158	253	27,383	115	-	27,498
Totals	8,526	153,678	737,808	96,789	25,148	1,021,949	7,835	11,809	1,041,593
Percentage distribution	0.8	14.8	70.8	9.3	2.4	98.1	0.8	1.1	100.0

(1) All expenditures for Quebec, Atlantic Provinces and Offshore areas are included.

TABLE 2. Net Cash Expenditures of the Petroleum Industry - 1967

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Total Western Canada	Ontario	Quebec and Atlantic Provinces	Off-Shore	Total Canada 1967
in thousands of dollars										
1. Exploration:										
(a) Geological and geophysical expenditures	455	11,254	95,823	17,759	10,633	135,924	347	1,164(1)	15,025(2)	152,460
(b) Land acquisition, rentals and retention	1,590	19,500	159,798	24,600	4,567	210,055	1,109	-	-	211,164
(c) Exploratory drilling:										
Dry	436	8,200	50,000	12,000	7,886	78,522	1,240	-	-	79,762
Productive - Oil	60	2,900	25,139	1,083	-	29,182	39	-	-	29,221
Gas/condensate	-	955	13,787	1,653	3,072	19,467	186	-	-	19,653
2. Development drilling:										
Dry	148	2,900	12,000	2,505	-	17,553	600	-	-	18,153
Productive - Oil	595	12,500	42,377	4,902	-	60,374	60	-	-	60,434
Gas/condensate	-	512	21,636	6,177	-	28,325	700	-	-	29,025
3. Capital expenditures:										
(a) Field equipment - Oil	427	9,370	30,000	5,294	-	45,091	68	-	-	45,159
Gas/condensate	-	1,548	15,488	2,436	-	19,472	259	-	-	19,731
(b) Secondary recovery and pressure maintenance	56	3,717	10,173	2,395	-	16,341	125	-	-	16,466
(c) Other	34	1,844	18,819	1,052	189	21,938	19	-	-	21,957
4. Operation of wells - Including flow line and related facilities	2,546	35,000	81,000	8,684	376	127,606	2,054	-	-	129,660
5. Operations of natural gas plants:										
(a) Capital expenditures	-	606	87,289	15,135	-	103,030	236	-	-	103,266
(b) Operating expenditures	-	1,019	42,000	3,440	-	46,459	96	-	-	46,555
6. General:										
(a) Taxes (excluding income tax)	250	2,757	9,123	450	-	12,580	158	-	-	12,738
(b) Royalties	1,654	28,000	106,000	9,600	198	145,452	505	-	-	145,957
(c) All other expenses not allocated above	79	3,534	22,172	2,649	622	29,056	161	-	-	29,217
Totals	8,330	146,116	842,624	121,814	27,543	1,146,427	7,962	1,164	15,025	1,170,578
Percentage distribution	0.7	12.5	72.0	10.4	2.3	97.9	0.7	0.1	1.3	100.0

(1) All expenditures for Quebec and Atlantic Provinces Included.

(2) All East Coast, West Coast and Hudson Bay offshore expenditures included.

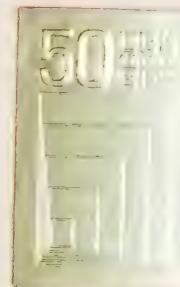
TABLE 3. Net Cash Expenditures of the Petroleum Industry - Western Canada 1962-67

	1962(1)	1963(1)	1964(1)	1965	1966 ^r	1967 ^p
	in thousands of dollars					
1. Exploration:						
(a) Geological and geophysical expenditures ...	48,800	46,600	50,800	61,554	87,600	135,924
(b) Exploratory drilling:						
Dry	53,500	57,800	57,800	70,089	73,945	78,522
Productive - Oil	8,500	11,900	17,000	25,026	19,890	29,182
Gas/condensate	9,700	9,800	14,700	8,667	19,168	19,467
(c) Land acquisition and rentals	112,800	121,900	173,200	252,444	223,495	210,055
(d) Overhead (not included above)	22,500	22,400	21,000	(2)	(2)	(2)
2. Development drilling:						
Dry	14,200	12,300	15,200	20,262	18,387	17,553
Productive - Oil	72,700	82,000	85,400	97,635	80,932	60,374
Gas/condensate	21,600	17,100	13,400	18,045	21,456	28,325
Overhead (not included above)	7,900	7,800	10,400	(2)	(2)	(2)
3. Capital expenditures:						
(a) Field equipment - Oil	24,125	26,100	35,400	54,075	39,651	45,091
Gas/condensate	5,025	10,700	12,100	11,068	13,894	19,472
(b) Secondary recovery and pressure maintenance project	11,150	18,800	15,500	15,216	17,451	16,341
(c) Other	16,300	20,500	17,600	8,356	14,079	21,938
4. Operation of wells - Including flow line and related facilities	84,600	101,500	99,600	105,524	125,213	127,606
5. Operations of natural gas plants:						
(a) Capital expenditures	20,700 ^r	36,700	42,700	35,404	56,851	103,030
(b) Operating expenditures	26,100 ^r	27,800 ^r	32,400 ^r	35,412	40,512	46,459
6. General:						
(a) Taxes (excluding income tax)	6,800	7,300	9,300	11,231	12,103	12,580
(b) Royalties	90,700	101,800	111,100	111,744	129,939	145,452
(c) All other expenses not allocated above	23,200	27,100	25,900	34,506	27,383	29,056
Total expenditures - Western Canada	680,900	767,900	860,500	976,258	1,021,949	1,146,427

(1) Source: Canadian Petroleum Association. (2) Overhead applied to appropriate categories. ^r Revised figures. ^p Preliminary figures.

Catalogue No. 57-002
Vol 3 No. 18

May 15, 1968



CONTENTS

	Page
1. Sales of Natural Gas, February 1968	1
2. Preliminary Electric Energy Statistics, March 1968	3

1. Sales of Natural Gas, February 1968

Total sales of natural gas to Canadian consumers by distributors for February, 1968, were 85,254,404 Mcf. This was an increase of 11.9% over the same month last year.

The revenue from sales was \$59,667,247 for the month, up 9.3 from last year.

A more complete breakdown of these statistics is found in the Gas Utilities monthly publication, catalogue No. 55-002.



6503-521

D.B.S. Regional Offices — St. Johns • Halifax • Montreal • Toronto • Winnipeg • Edmonton • Vancouver

Sales of Natural Gas, February 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,903	4,066	13,414
Quebec	93,792	205,002	1,870,588	2,806,117
Ontario	547,608	679,385	14,539,195	17,053,325
Manitoba	96,851	102,308	2,739,920	2,358,304
Saskatchewan	110,652	116,067	3,595,909	2,362,738
Alberta	249,171	251,417	7,163,361	3,522,902
British Columbia	169,352	189,091	2,585,099	3,398,039
Canada	1,267,556	1,545,173	32,498,138	31,514,839
Industrial:				
New Brunswick	-	-	-	-
Quebec		1,483	1,330,474	990,114
Ontario		7,372	12,460,686	7,753,588
Manitoba		287	1,140,134	354,331
Saskatchewan		585	4,642,877	1,189,917
Alberta		811	9,570,083	1,796,249
British Columbia		213	3,997,291	1,679,066
Canada		10,751	33,141,545	13,763,265
Firm		9,667	22,846,439	11,028,083
Interruptible		1,084	10,295,106	2,735,182
Commercial:				
New Brunswick	60		2,630	5,222
Quebec		10,265	637,366	804,342
Ontario		60,507	7,708,306	7,121,579
Manitoba		9,233	1,852,232	1,263,103
Saskatchewan		15,922	1,919,197	1,010,751
Alberta		28,268	5,671,254	2,159,519
British Columbia		24,603	1,823,736	2,024,627
Canada		148,858	19,614,721	14,389,143
Total sales:				
New Brunswick		1,963	6,696	18,636
Quebec		216,750	3,838,428	4,600,573
Ontario		747,264	34,708,187	31,928,492
Manitoba		111,828	5,732,286	3,975,738
Saskatchewan		132,574	10,157,983	4,563,406
Alberta		280,496	22,404,698	7,478,670
British Columbia		213,907	8,406,126	7,101,732
Canada		1,704,782	85,254,404	59,667,247
Total exports			49,270,614	12,831,264
Total imports			6,629,512	3,037,724

2. Preliminary Electric Energy Statistics, March 1968

Net generation of electric energy increased 2.5% to 14,919,292 thousand kwh. in March 1968 from 14,561,725^r thousand kwh. in March 1967. This abnormally low increase is attributable to a slight decline in generation in Quebec.

Firm energy consumption for the month was up 4.5% compared with an increase of 6.9% for 1967 over 1966. Quebec had virtually no increase in firm energy consumption.

Following the trend of recent months, imports were up 39% while exports and secondary energy consumption were down 11% and 54% respectively.

Total generation for the twelve month period ending March 31, 1968 amounted to 167,471,039 thousand kwh.

Further details will be published in the March edition of Electric Power Statistics, Catalogue No. 57-001.

Preliminary Electric Energy Statistics

(thousand Kwh)

	March		
	1966	1967	1968
Net generation - Hydro	11,141,743 ^r	11,260,611 ^r	11,302,737
Thermal	2,431,093 ^r	3,301,114 ^r	3,616,555
Total net generation	13,572,836 ^r	14,561,725 ^r	14,919,292
Energy imported from U.S.A.	215,900	317,384	441,510
Energy exported to U.S.A.:			
Firm	56,674	47,864	60,951
Secondary	248,285	315,256	261,329
Total exported to U.S.A.	304,959	363,120	322,280
Net energy used in Canada	13,483,777 ^r	14,515,989 ^r	15,038,522
Secondary energy used in Canada	361,393 ^r	227,911 ^r	104,320
Firm energy used in Canada	13,122,384 ^r	14,288,078 ^r	14,934,202

^r Revised figures.

Catalogue No. 57-002
Vol. 3 No. 19

May 31, 1968.

Preliminary Production Crude Oil and Equivalent
and Natural Gas, by Source, 1967

The following tables show preliminary production data on crude oil and equivalent, and natural gas, by source, by month 1967. These figures may be subject to some revision as more up-to-date information is received.

It should be noted that no imports of natural gas are shown, since such imports are made directly by natural gas distributors, whose operations are not included in these tables.

More complete information will be found in the monthly publications "Crude Petroleum and Natural Gas Production", Catalogue Number 26-006 which are to be published throughout the year 1968.

SYMBOLS

The interpretation of the symbols used in the tables throughout this bulletin is as follows:

- ... Figures not appropriate or not applicable.
- Nil or zero.



6503-521

January 1967

	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	899	-	107,400	458,298	7,952,561	20,253,663	1,502,508	69,928	30,345,257	...	30,345,257
Less returned to formation	-	-	-	-	-	1,018,301	-	11,032	1,029,333	...	1,029,333
Condensate	-	-	-	-	-	64,683	3,888	-	68,571	...	68,571
Pentanes plus	-	-	-	-	22,913	2,560,561	91,796	-	2,675,270	...	2,675,270
Net withdrawals	899	-	107,400	458,298	7,975,474	21,860,606	1,598,192	58,896	32,059,765	...	32,059,765
Imports .....	...	-	...	...	...	...	...	...	14,451,179	...	14,451,179
Total supply	899	-	107,400	458,298	7,975,474	21,860,606	1,598,192	58,896	32,059,765	14,451,179	46,510,944
<u>Natural gas</u>											
thousand cubic feet											
Gross new production	10,244	110	1,771,385	-	6,428,032	134,610,600	22,958,780	54,248	165,833,399	...	165,833,399
Less field flared and waste	-	-	-	-	1,128,839	4,111,739	899,409	50,871	6,190,858	...	6,190,858
Net new production	10,244	110	1,771,385	-	5,299,193	130,498,861	22,059,371	3,377	159,642,541	...	159,642,541
Less injected and stored (excluding distributor storage)	-	-	-	-	4,304	17,541,794	1,112,699	-	18,658,797	...	18,658,797
Net withdrawals	10,244	110	1,771,385	-	5,294,889	112,957,067	20,946,672	3,377	140,983,744	...	140,983,744
Field disposition	182	-	-	-	396,416	1,425,804	448,188	-	2,270,590	...	2,270,590
Gathering system disposition	-	-	-	-	56,626	1,326,695	-	-	1,383,321	...	1,383,321
Processing shrinkage	-	-	-	-	206,241	12,431,053	623,808	-	13,261,102	...	13,261,102
Other plant disposition	-	-	-	-	149,359	5,400,978	1,725,583	-	7,275,920	...	7,275,920
Other uses	-	-	-	-	140,146	76,606	-	3,377	220,129	...	220,129
Deliveries to utilities and adjustments	10,062	110	1,771,385	-	4,346,101	92,295,931	18,149,093	-	116,572,682	...	116,572,682
Total disposition	10,244	110	1,771,385	-	5,294,889	112,957,067	20,946,672	3,377	140,983,744	...	140,983,744

February 1967

131

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	575	-	96,493	413,397	7,168,100	17,485,654	1,365,519	88,634	26,618,372	...	26,618,372
Less returned to formation	-	-	-	-	-	970,393	-	22,439	992,832	...	992,832
Condensate	-	-	-	-	-	63,481	2,845	-	66,326	...	66,326
Pentanes plus	-	-	-	-	20,924	2,286,964	89,486	-	2,397,374	...	2,397,374
Net withdrawals	575	-	96,493	413,397	7,189,024	18,865,706	1,457,850	66,195	28,089,240	...	28,089,240
Imports .....	...	-	...	...	...	...	...	...	...	12,415,457	12,415,457
Total supply	575	-	96,493	413,397	7,189,024	18,865,706	1,457,850	66,195	28,089,240	12,415,457	40,504,697
<u>Natural gas</u>											
thousand cubic feet											
Gross new production	11,501	1,130	1,503,135	-	5,402,404	118,002,683	20,311,276	71,346	145,303,475	...	145,303,475
Less field flared and waste	-	-	-	-	879,139	3,876,845	841,549	66,697	5,664,230	...	5,664,230
Net new production	11,501	1,130	1,503,135	-	4,523,265	114,125,838	19,469,727	4,649	139,639,245	...	139,639,245
Less injected and stored (excluding distributor storage)	-	-	-	-	3,447	16,452,779	486,309	-	16,942,535	...	16,942,535
Net withdrawals	11,501	1,130	1,503,135	-	4,519,818	97,673,059	18,983,418	4,649	122,696,710	...	122,696,710
Field disposition	234	-	-	-	314,072	643,929	530,868	-	1,489,103	...	1,489,103
Gathering system disposition	-	-	-	-	-	919,423	-	-	905,417	...	905,417
Processing shrinkage	-	-	-	-	184,398	11,855,529	571,802	-	12,611,729	...	12,611,729
Other plant disposition	-	-	-	-	113,052	4,004,578	1,409,313	-	5,526,943	...	5,526,943
Other uses	-	-	-	-	122,697	65,862	-	4,649	193,208	...	193,208
Deliveries to utilities and adjustments	11,267	1,130	1,503,135	-	3,799,605	80,183,738	16,471,435	-	101,970,310	...	101,970,310
Total disposition	11,501	1,130	1,503,135	-	4,519,818	97,673,059	18,983,418	4,649	122,696,710	...	122,696,710

Supply of Crude Oil and Equivalent and of Natural Gas, by Source, Canada

March 1967

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	740	-	115,179	459,870	7,571,374	18,640,745	1,605,733	74,465	28,468,106	...	28,468,106
Less returned to formation	-	-	-	-	-	1,149,561	-	15,943	1,165,504	...	1,165,504
Condensate	-	-	-	-	-	68,003	3,572	-	71,575	...	71,575
Refined plus	-	-	-	-	22,085	2,481,616	107,664	-	2,611,365	...	2,611,365
Net imports	740	-	115,179	459,870	7,593,459	20,040,803	1,716,969	58,522	29,985,542	...	29,985,542
Imports .....	...	-	...	...	...	...	...	...	...	...	...
Total supply	740	-	115,179	459,870	7,593,459	20,040,803	1,716,969	58,522	29,985,542	14,311,644	44,297,186
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	12,842	2,614	1,831,370	-	5,643,004	127,346,585	22,994,873	57,037	157,888,325	...	157,888,325
Less field flared and waste	-	-	-	-	975,493	3,778,065	991,432	53,235	5,798,225	...	5,798,225
Net new production	12,842	2,614	1,831,370	-	4,667,511	123,568,520	22,003,441	3,802	152,090,100	...	152,090,100
Less injected and stored (excluding distributor storage)	-	-	-	-	2,928	16,475,258	557,531	-	17,035,717	...	17,035,717
Net withdrawals	12,842	2,614	1,831,370	-	4,664,583	107,093,262	21,445,910	3,802	135,054,383	...	135,054,383
Field disposition	252	-	-	-	383,013	726,839	639,987	-	1,750,091	...	1,750,091
Offshore system disposition	-	-	-	-	65,556	836,362	-	-	901,918	...	901,918
Processing shrinkage	-	-	-	-	197,861	12,537,937	619,786	-	13,355,584	...	13,355,584
Other plant disposition	-	-	-	-	163,442	4,939,535	1,423,281	-	6,526,258	...	6,526,258
Other uses	-	-	-	-	112,202	72,039	-	3,802	188,043	...	188,043
Utilities, facilities and adjustments	12,590	2,614	1,831,370	-	3,742,509	87,980,550	18,762,856	-	112,332,489	...	112,332,489
Total disposition	12,842	2,614	1,831,370	-	4,664,583	107,093,262	21,445,910	3,802	135,054,383	...	135,054,383

Supply of Crude Oil and Equivalent and of Natural Gas, by Source, Canada

April 1967

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	711	-	107,355	443,713	7,228,990	18,440,286	1,472,573	68,664	27,762,292	...	27,762,292
Less returned to formation	-	-	-	-	-	1,105,382	-	13,863	1,119,245	...	1,119,245
Condensate	-	-	-	-	-	61,589	3,270	-	64,859	...	64,859
Pentanes plus	-	-	-	-	18,578	2,224,643	90,062	-	2,333,283	...	2,333,283
Net withdrawals	711	-	107,355	443,713	7,247,568	19,621,136	1,565,905	54,801	29,041,189	...	29,041,189
Imports .....	...	-	...	...	...	...	...	...	...	11,987,648	11,987,648
Total supply	711	-	107,355	443,713	7,247,568	19,621,136	1,565,905	54,801	29,041,189	11,987,648	41,028,837
<u>Natural gas</u>											
thousand cubic feet											
Gross new production	9,261	2,614	1,203,490	-	4,851,715	118,100,394	21,853,951	49,936	146,071,361	...	146,071,361
Less field flared and waste	-	-	-	-	837,989	3,696,651	887,552	45,303	5,467,495	...	5,467,495
Net new production	9,261	2,614	1,203,490	-	4,013,726	114,403,743	20,966,399	4,633	140,603,866	...	140,603,866
Less injected and stored (excluding distributor storage)	-	-	-	-	3,940	15,430,594	630,417	-	16,064,951	...	16,064,951
Net withdrawals	9,261	2,614	1,203,490	-	4,009,786	98,973,149	20,335,982	4,633	124,538,915	...	124,538,915
Field disposition	216	-	-	-	349,034	790,754	771,889	-	1,911,893	...	1,911,893
Gathering system disposition	-	-	-	-	103,085	604,854	820	-	708,759	...	708,759
Processing shrinkage	-	-	-	-	184,872	11,612,586	565,796	-	12,363,254	...	12,363,254
Other plant disposition	-	-	-	-	150,453	4,857,658	1,348,836	-	6,356,947	...	6,356,947
Other uses	-	-	-	-	129,825	70,127	-	4,633	204,585	...	204,585
Deliveries to utilities and adjustments	9,045	2,614	1,203,490	-	3,092,517	81,037,170	17,648,641	-	102,993,477	...	102,993,477
Total disposition	9,261	2,614	1,203,490	-	4,009,786	98,973,149	20,335,982	4,633	124,538,915	...	124,538,915

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	731	-	116,491	466,205	7,728,934	19,770,264	1,632,310	33,739	29,748,674	...	29,748,674
Less returned to formation	-	-	-	-	-	944,639	-	5,115	949,754	...	949,754
Condensate	-	-	-	-	-	76,207	3,596	-	79,803	...	79,803
Pentanes plus	-	-	-	-	21,708	2,364,227	93,653	-	2,479,588	...	2,479,588
Net withdrawals	731	-	116,491	466,205	7,750,642	21,266,059	1,729,559	28,624	31,358,311	...	31,358,311
Imports .....	...	-	...	...	...	...	...	...	...	11,397,375	11,397,375
Total supply	731	-	116,491	466,205	7,750,642	21,266,059	1,729,559	28,624	31,358,311	11,397,375	42,755,686
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	7,664	2,762	1,091,240	-	4,388,067	118,436,313	19,827,612	25,283	143,778,941	...	143,778,941
Less field flared and waste	-	-	-	-	938,469	3,993,802	749,224	21,413	5,702,908	...	5,702,908
Net new production	7,664	2,762	1,091,240	-	3,449,598	114,442,511	19,078,388	3,870	138,076,033	...	138,076,033
Less injected and stored (excluding distributor storage)	-	-	-	-	4,955	19,255,954	725,348	-	19,986,257	...	19,986,257
Net withdrawals	7,664	2,762	1,091,240	-	3,444,643	95,186,557	18,353,040	3,870	118,089,776	...	118,089,776
Field disposition	228	-	-	-	368,353	141,126	602,754	-	1,112,461	...	1,112,461
Gathering system disposition	-	-	-	-	105,124	523,339	-	-	628,463	...	628,463
Processing shrinkage	-	-	-	-	180,304	12,755,515	421,697	-	13,357,516	...	13,357,516
Other plant disposition	-	-	-	-	161,386	5,125,702	1,126,644	-	6,413,732	...	6,413,732
Other uses	-	-	-	-	121,393	69,008	-	3,870	194,271	...	194,271
Deliveries to utilities and adjustments	7,436	2,762	1,091,240	-	2,508,083	76,571,867	16,201,945	-	96,383,333	...	96,383,333
Total disposition	7,664	2,762	1,091,240	-	3,444,643	95,186,557	18,353,040	3,870	118,089,776	...	118,089,776

June 1967

- 7 -

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	790	-	108,542	458,799	7,996,700	20,046,036	1,745,364	37,030	30,393,261	...	30,393,261
Less returned to formation	-	-	-	-	-	635,247	-	21	635,268	...	635,268
Condensate	-	-	-	-	-	51,013	2,959	-	53,972	...	53,972
Oilfield gas	-	-	-	-	24,060	2,130,296	71,784	-	2,226,140	...	2,226,140
Net withdrawals	790	-	108,542	458,799	8,020,760	21,592,098	1,820,107	37,009	32,038,105	...	32,038,105
Imports .....	...	-	...	...	...	...	...	...	...	13,314,756	13,314,756
Total supply	790	-	108,542	458,799	8,020,760	21,592,098	1,820,107	37,009	32,038,105	13,314,756	45,352,861

thousand cubic feet

Natural gas

Gross new production	6,601	6,278	1,115,201	-	4,360,296	106,519,193	16,177,605	33,668	128,218,842	...	128,218,842
Less field flared and waste	-	-	-	-	1,064,501	4,631,194	1,058,150	30,824	6,784,669	...	6,784,669
Net new production	6,601	6,278	1,115,201	-	3,295,795	101,887,999	15,119,455	2,844	121,434,173	...	121,434,173
Less injected and stored (excluding distributor storage)	-	-	-	-	3,388	17,608,606	732,011	-	18,344,005	...	18,344,005
Net withdrawals	6,601	6,278	1,115,201	-	3,292,407	84,279,393	14,387,444	2,844	103,090,168	...	103,090,168
Field disposition	220	-	-	-	353,288	731,017	294,588	-	1,379,113	...	1,379,113
Gathering system disposition	-	-	-	-	116,638	445,808	-	-	562,446	...	562,446
Processing shrinkage	-	-	-	-	178,111	11,859,501	434,334	-	12,471,946	...	12,471,946
Other plant disposition	-	-	-	-	225,764	5,172,668	1,035,359	-	6,433,791	...	6,433,791
Other uses	-	-	-	-	115,183	74,844	-	2,844	192,871	...	192,871
Deliveries to utilities and adjustments	6,381	6,278	1,115,201	-	2,303,423	65,995,555	12,623,163	-	82,050,001	...	82,050,001
Total disposition	6,601	6,278	1,115,201	-	3,292,407	84,279,393	14,387,444	2,844	103,090,168	...	103,090,168

Supply of Crude Oil and Equivalent and of Natural Gas, by Source, Canada

July 1967

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	795	-	104,315	472,251	8,094,956	21,965,767	1,769,606	76,895	32,484,585	...	32,484,585
Less returned to formation	-	-	-	-	-	619,314	-	6,146	625,460	...	625,460
Condensate	-	-	-	-	-	90,980	4,401	-	95,381	...	95,381
Surplus plus	-	-	-	-	26,713	2,315,450	82,579	-	2,424,742	...	2,424,742
Net all domestic	795	-	104,315	472,251	8,121,669	23,752,883	1,856,586	70,749	34,379,248	...	34,379,248
Imports .....	...	-	...	...	...	...	...	...	...	13,989,881	13,989,881
Total supply	795	-	104,315	472,251	8,121,669	23,752,883	1,856,586	70,749	34,379,248	13,989,881	48,369,129
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	6,625	4,869	970,487	-	4,505,151	108,240,223	16,370,414	60,719	130,158,488	...	130,158,488
Less field flared and waste	-	-	-	-	1,208,787	5,689,914	1,110,483	58,031	8,067,215	...	8,067,215
Net new production	6,625	4,869	970,487	-	3,296,364	102,550,309	15,259,931	2,688	122,091,273	...	122,091,273
Less injected and stored (excluding pipeline storage)	-	-	-	-	4,056	19,559,926	558,750	-	20,122,732	...	20,122,732
Net withdrawals	6,625	4,869	970,487	-	3,292,308	82,990,383	14,701,181	2,688	101,968,541	...	101,968,541
Field disposition	186	-	-	-	357,185	302,855	591,341	-	1,251,567	...	1,251,567
Gathering system disposition	-	-	-	-	54,078	476,558	-	-	530,636	...	530,636
Processing shrinkage	-	-	-	-	188,007	12,281,582	683,330	-	13,152,919	...	13,152,919
Other plant disposition	-	-	-	-	192,493	5,258,568	836,370	-	6,287,431	...	6,287,431
Losses	-	-	-	-	123,263	73,390	-	2,688	199,341	...	199,341
Deliveries to utilities and adjustments	6,439	4,869	970,487	-	2,377,282	64,597,430	12,590,140	-	80,546,647	...	80,546,647
Total supply	6,625	4,869	970,487	-	3,292,308	82,990,383	14,701,181	2,688	101,968,541	...	101,968,541

Supply of Crude Oil and Equivalent and of Natural Gas, by Source, Canada

August 1967

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	751	-	100,699	488,555	8,178,363	22,647,614	1,676,830	84,764	33,177,576	...	33,177,576
Less returned to formation	-	-	-	-	-	760,874	-	4,964	765,838	...	765,838
Condensate	-	-	-	-	-	80,497	3,459	-	83,956	...	83,956
Pentanes plus	-	-	-	-	30,743	2,374,316	80,549	-	2,485,608	...	2,485,608
Net withdrawals	751	-	100,699	488,555	8,209,106	24,341,553	1,760,838	79,800	34,981,302	...	34,981,302
Imports .....	...	-	...	...	...	...	...	...	...	13,339,729	13,339,729
Total supply	751	-	100,699	488,555	8,209,106	24,341,553	1,760,838	79,800	34,981,302	13,339,729	48,321,031
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	6,674	6,185	965,377	-	4,367,964	113,118,571	18,636,890	59,040	137,160,701	...	137,160,701
Less field flared and waste	-	-	-	-	1,087,649	5,018,013	892,473	56,143	7,054,278	...	7,054,278
Net new production	6,674	6,185	965,377	-	3,280,315	108,100,558	17,744,417	2,897	130,106,423	...	130,106,423
Less injected and stored (excluding distributor storage)	-	-	-	-	6,129	20,986,904	664,585	-	21,657,618	...	21,657,618
Net withdrawals	6,674	6,185	965,377	-	3,274,186	87,113,654	17,079,832	2,897	108,448,805	...	108,448,805
Field disposition	179	-	-	-	347,634	547,792	249,746	-	1,145,351	...	1,145,351
Gathering system disposition	-	-	-	-	88,669	505,917	-	-	594,586	...	594,586
Processing shrinkage	-	-	-	-	202,438	11,871,354	478,990	-	12,552,782	...	12,552,782
Other plant disposition	-	-	-	-	189,508	5,256,635	1,732,544	-	7,178,687	...	7,178,687
Other uses	-	-	-	-	128,233	76,274	-	2,897	207,404	...	207,404
Deliveries to utilities and adjustments	6,495	6,185	965,377	-	2,317,704	68,855,682	14,618,552	-	86,769,995	...	86,769,995
Total disposition	6,674	6,185	965,377	-	3,274,186	87,113,654	17,079,832	2,897	108,448,805	...	108,448,805

	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	687	-	95,162	475,707	7,642,376	20,826,901	1,715,851	88,384	30,845,068	...	30,845,068
Less returned to formation	-	-	-	-	-	936,070	-	-	936,070	...	936,070
Condensate	-	-	-	-	-	69,409	2,035	-	71,444	...	71,444
Pentanes plus	-	-	-	-	29,367	2,253,549	80,140	-	2,363,056	...	2,363,056
Net withdrawals	687	-	95,162	475,707	7,671,743	22,213,789	1,798,026	88,384	32,343,498	...	32,343,498
Imports .....	...	-	...	...	...	...	...	...	...	13,087,166	13,087,166
Total supply	687	-	95,162	475,707	7,671,743	22,213,789	1,798,026	88,384	32,343,498	13,087,166	45,430,664
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	6,867	7,383	1,066,035	-	4,821,006	109,603,566	18,665,347	64,661	134,234,865	...	134,234,865
Less field flared and waste	-	-	-	-	1,015,720	4,834,603	1,030,830	61,904	6,943,057	...	6,943,057
Net new production	6,867	7,383	1,066,035	-	3,805,286	104,768,963	17,634,517	2,757	127,291,808	...	127,291,808
Less injected and stored (excluding distributor storage)	-	-	-	-	4,397	19,238,172	525,842	-	19,768,411	...	19,768,411
Net withdrawals	6,867	7,383	1,066,035	-	3,800,889	85,530,791	17,108,675	2,757	107,523,397	...	107,523,397
Field disposition	193	-	-	-	350,118	-	608,971	-	736,524	...	736,524
Gathering system disposition	-	-	-	-	59,820	656,989	-	-	716,809	...	716,809
Processing shrinkage	-	-	-	-	203,181	11,654,387	468,575	-	12,326,143	...	12,326,143
Other plant disposition	-	-	-	-	178,437	5,016,202	1,478,615	-	6,673,254	...	6,673,254
Other uses	-	-	-	-	147,921	75,327	-	2,757	226,005	...	226,005
Deliveries to utilities and adjustments	6,674	7,383	1,066,035	-	2,861,412	68,350,644	14,552,514	-	86,844,662	...	86,844,662
Total disposition	6,867	7,383	1,066,035	-	3,800,889	85,530,791	17,108,675	2,757	107,523,397	...	107,523,397

October 1967

- 11 -

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	711	-	92,136	459,755	7,671,374	20,593,270	1,716,161	51,652	30,585,059	...	30,585,059
Less returned to formation	-	-	-	-	-	1,154,300	-	-	1,154,300	...	1,154,300
Condensate	-	-	-	-	-	69,153	3,811	-	72,964	...	72,964
Pentanes plus	-	-	-	-	29,472	2,476,844	98,733	-	2,605,049	...	2,605,049
Net withdrawals	711	-	92,136	459,755	7,700,846	21,984,967	1,818,705	51,652	32,108,772	...	32,108,772
Imports .....	...	-	...	...	...	...	...	...	...	15,104,970	15,104,970
Total supply	711	-	92,136	459,755	7,700,846	21,984,967	1,818,705	51,652	32,108,772	15,104,970	47,213,742
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	7,727	8,204	979,041	-	5,268,265	123,044,081	21,651,018	36,961	150,995,297	...	150,995,297
Less field flared and waste	-	-	-	-	903,164	5,249,561	1,766,286	34,692	7,953,703	...	7,953,703
Net new production	7,727	8,204	979,041	-	4,365,101	117,794,520	19,884,732	2,269	143,041,594	...	143,041,594
Less injected and stored (excluding distributor storage)	-	-	-	-	5,460	19,536,621	742,757	-	20,284,838	...	20,284,838
Net withdrawals	7,727	8,204	979,041	-	4,359,641	98,257,899	19,141,975	2,269	122,756,756	...	122,756,756
Field disposition	198	-	-	-	374,556	882,795	600,383	-	1,857,932	...	1,857,932
Gathering system disposition	-	-	-	-	34,609	981,336	-	-	1,015,945	...	1,015,945
Processing shrinkage	-	-	-	-	221,625	13,412,821	583,821	-	14,218,267	...	14,218,267
Other plant disposition	-	-	-	-	177,312	5,425,751	1,430,888	-	7,033,951	...	7,033,951
Other uses	-	-	-	-	120,368	80,087	-	2,269	202,724	...	202,724
Deliveries to utilities and adjustments	7,529	8,204	979,041	-	3,431,171	77,475,109	16,526,883	-	98,427,937	...	98,427,937
Total disposition	7,727	8,204	979,041	-	4,359,641	98,257,899	19,141,975	2,269	122,756,756	...	122,756,756

Supply of Crude Oil and Equivalent and of Natural Gas, by Source, Canada

November 1967

- 12 -

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons											
<u>Crude oil and equivalent</u>											
Domestic production:											
Crude oil	722	-	98,216	478,421	7,450,757	19,818,021	1,696,781	25,258	29,568,176	...	29,568,176
Less returned to formation	-	-	-	-	-	764,643	-	7,803	772,446	...	772,446
Condensate	-	-	-	-	-	67,673	3,274	-	70,947	...	70,947
Pentanes plus	-	-	-	-	24,098	2,327,759	38,662	-	2,390,519	...	2,390,519
Net withdrawals	722	-	98,216	478,421	7,474,855	21,448,810	1,738,717	17,455	31,257,196	...	31,257,196
Imports .....	...	-	...	...	...	...	...	...	13,894,672	...	13,894,672
Total supply	722	-	98,216	478,421	7,474,855	21,448,810	1,738,717	17,455	31,257,196	13,894,672	45,151,868
thousand cubic feet											
<u>Natural gas</u>											
Gross new production	8,523	8,687	830,847	-	5,197,023	129,150,135	22,626,746	26,022	157,847,983	...	157,847,983
Less field flared and waste	-	-	-	-	856,105	4,646,554	954,255	23,497	6,480,411	...	6,480,411
Net new production	8,523	8,687	830,847	-	4,340,918	124,503,581	21,672,491	2,525	151,367,572	...	151,367,572
Less injected and stored (excluding distributor storage)	-	-	-	-	3,168	17,089,496	627,401	-	17,720,065	...	17,720,065
Net withdrawals	8,523	8,687	830,847	-	4,337,750	107,414,085	21,045,090	2,525	133,647,507	...	133,647,507
Field disposition	232	-	-	-	356,525	1,241,651	715,974	-	2,314,382	...	2,314,382
Gathering system disposition	-	-	-	-	72,158	699,175	-	-	771,333	...	771,333
Processing shrinkage	-	-	-	-	133,064	13,159,068	540,819	-	13,832,951	...	13,832,951
Other plant disposition	-	-	-	-	234,682	5,143,525	1,746,279	-	7,124,486	...	7,124,486
Other uses	-	-	-	-	108,798	79,105	-	2,525	190,428	...	190,428
Deliveries to utilities and adjustments	8,291	8,687	830,847	-	3,432,523	87,091,561	18,042,018	-	109,413,927	...	109,413,927
Total disposition	8,523	8,687	830,847	-	4,337,750	107,414,085	21,045,090	2,525	133,647,507	...	133,647,507

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ENERGY STATISTICS

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Catalogue No. 57-002

Vol. 3 No. 20

June 5, 1968.

CONTENTS

	Page
1. Crude Petroleum and Natural Gas Production, 1966	1
2. Retail Gasoline Statistics by Metropolitan Area, First Quarter 1968	2

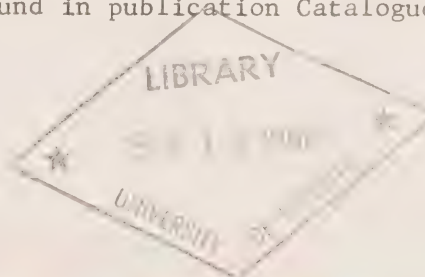
1. Crude Petroleum and Natural Gas Production, 1966

The production of crude petroleum and equivalent hydrocarbon during 1966 amounted to 349,134,903 barrels, an increase of 9.2 per cent, or 80,896 barrels per day, on 1965. 220.2 million barrels were delivered to Canadian refineries, 126.8 million barrels exported, with the remainder being accounted for by inventory changes, industry own use etc.

Imported crude petroleum amounted to 158.5 million barrels bringing domestic refinery requirements for crude petroleum and equivalent hydrocarbon to 378.7 million barrels, or 1,037,653 barrels per day.

Natural gas production increased 7.5 per cent to 1,553,881,255 Mcf. with 229.1 million Mcf. delivered to storage and injection operations, 232.0 million Mcf. used, lost or unaccounted for in fields and processing plants, 431.8 million Mcf. exported, and 590.9 million Mcf. sold to ultimate customers. The remaining 70.1 million Mcf. were accounted for by other deliveries, pipeline fuel and loss, line pack fluctuations etc.

More complete details will be found in publication Catalogue Number 26-006, to be released shortly.



6503-521

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2. Retail Gasoline Statistics by Metropolitan Area,
First Quarter 1968

Retail sales of gasoline in Canada's major metropolitan areas for the first quarter of 1968 were 321.1 million gallons. This amount was dispensed through 6,457 outlets.

The breakdown by area is as follows:

	Metropolitan Areas					
	Montreal	Ottawa Hull*	Toronto Hamilton	Winnipeg*	Vancouver*	Total
<u>Outlets</u>						
Number of branded outlets	2,152	433	2,309	466	1,014	6,364
Number of other outlets	67	-	16	-	-	93
Totals	2,219	433	2,325	466	1,014	6,457
<u>Gallonage</u> ('000 gallons)						
Dispensed through branded outlets	104,591	20,529	127,074	18,856	45,002	316,052
Dispensed through other outlets	3,931	-	1,116	-	-	5,047
Totals	108,522	20,529	128,190	18,856	45,002	321,099

* In Winnipeg, Vancouver and Ottawa - Hull areas, branded and other outlets are combined.

Using estimated vehicle registration statistics, passenger cars per service station in the five metropolitan areas averaged 363. The Toronto-Hamilton area has an average of 416 passenger cars per station, followed by Ottawa-Hull with 386, Winnipeg and Vancouver, 337 and Montreal, 321.

Population per car in these metropolitan areas is estimated at 3.2. This compares favourably with the Canada figure of 3.5. The city of Vancouver has a population per car of 2.7, followed by Toronto-Hamilton, Ottawa-Hull, Montreal and Winnipeg with the last area registering a ratio of 3.3 persons per car.

During the first quarter of 1968, gasoline sold through retail pump outlets in the metropolitan areas averaged 124 gallons per vehicle. Montreal shows an average of 135 gallons; Toronto-Hamilton, 118; Vancouver, 116; Ottawa-Hull, 110; Winnipeg, 107.

With the exception of Winnipeg and Vancouver, metropolitan areas are not identical with census metropolitan areas. Population and vehicle numbers for these are as follows:

	Population* 1st June 1967	Passenger cars(1)*	Commercial vehicles(1, 2)*
Montreal	2,703,460	711,500	95,000
Ottawa-Hull	517,418	167,000(3)	19,000
Toronto-Hamilton	2,806,179	967,600	118,000
Winnipeg	514,000	155,000	19,500
Vancouver	923,000	341,800	47,500
Total Canada	20,405,000	5,830,000	1,723,075

(1) 1967 registrations.

(2) Taxis included.

(3) The 1966 passenger car registrations reported on bulletin for the four quarters of 1967 was 151,500: The figure should have read 163,000 throughout the period.

* Estimates.

Catalogue No. 57-002
Vol. 3 No. 21

June 11, 1968.

CONTENTS

	Page
1. Coal and Coke Statistics, March 1968	1
2. Preliminary(1) Report on Coal Production, April 1968	3

1. Coal and Coke Statistics, March 1968

Coal production for the month of March 1968 amounted to 1,002,267 tons a decrease of 5.4% from the March 1967 production of 1,059,488 tons, while landed imports were 85,987 tons compared with 82,109 tons for the month of March 1967. Consumption by industrial consumers amounted to 1,560,617 tons of coal and 542,820 of coke, an increase of 3,598 tons of coal and a decrease of 53,626 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 3,986,264 tons from 3,842,044 tons in March 1967.

Coke production during the month of March 1968 increased to 482,490 tons from 356,291 tons in March 1967, while coke used in blast furnaces increased to 391,222 tons from 324,190 tons during the same period.

The above data will be published in the March edition of Coal and Coke Statistics, Catalogue No. 45-002.



6503-521

March 1968

- 2 -

2. Preliminary(1) Report on Coal Production

April 1968

Preliminary coal production for the month of April amounted to 883,352 tons, an increase of 9.9% from the April 1967 preliminary production of 804,064 tons. Landed imports were 1,730,036 tons compared with 1,445,440 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
net tons of 2,000 pounds				
<u>April 1968</u>				
Newfoundland	-	-	-	-
Nova Scotia	319,427	-	277,860	50,600
New Brunswick	67,100	183	56,698	-
Quebec	-	33,602	-	53,703
Ontario	-	1,411,439 ^r	-	1,625,209
Manitoba	-	213	-	303
Saskatchewan	117,062	-	145,514	221
Alberta - Bituminous	71,236	-	95,427	-
Sub-bituminous	169,243	-	227,666	-
British Columbia and Yukon ..	59,996	3	80,187	-
Canada totals	804,064	1,445,440 ^r	883,352	1,730,036

Four months ended April

Newfoundland	-	7,007	-	5,874
Nova Scotia	1,307,385	50,816	1,162,595	172,461
New Brunswick	267,861	257	245,989	141
Quebec	-	104,344	-	95,310
Ontario	-	1,559,003 ^r	-	1,739,500
Manitoba	-	1,316	-	303
Saskatchewan	830,955	404	958,816	1,013
Alberta - Bituminous	308,416	-	338,150	-
Sub-bituminous	1,021,924	-	951,808	-
British Columbia and Yukon ..	294,998	175	299,821	-
Canada totals	4,031,539	1,723,322 ^r	3,957,179	2,014,602

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

(2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(3) All figures are preliminary.

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ENERGY STATISTICS

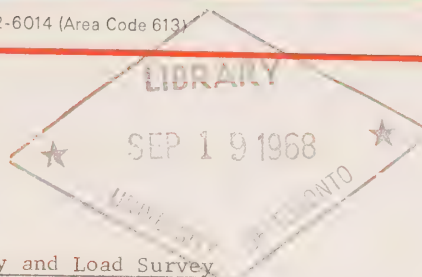


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CATALOGUE No. 57-002

Vol. 3 No. 22



June 12, 1968.

1967 Capability and Load Survey

Review of Survey Results

Total net generating capability in 1967 for firms which generate over 10 million Kwh. per year increased 2,437,000 Kw. or 8.42 per cent to 31,370,000 Kw. The forecast years 1967-72 indicate an anticipated growth of 16,780,000 Kw. to 48,150,000 Kw., a compound growth rate of 8.95 per cent as compared with the 1957-1967 growth rate of 6.66 per cent. Thermal capability is expected to grow at an annual rate of 13.49 per cent in the forecast period compared with an actual rate of 14.46 per cent in the previous ten year period, while hydro-electric capability is expected to increase at 6.89 per cent compared with 4.73 per cent in the previous ten years. Seventy-eight per cent of the thermal capability growth will be in fossil-fuelled steam plants, nineteen per cent in nuclear-fuelled steam plants and three per cent in gas turbine plants.

The first nuclear capability was put into service in 1967. The nuclear capability does not include the 20,000 Kw. plant at Rolphton, Ontario, which is an experimental plant and therefore is not considered part of the capability. However, energy generated in this plant has been fed into the system and is included in Table 1. It is expected that by 1972 the nuclear capability will reach 1,700,000 Kw. or 3.53 per cent of the total Canadian generating capability.

In the previous forecasts it was estimated that the net generating capability in 1967 would be 32,444,000 Kw. The actual net generating capability fell short of this estimate by 1,074,000 Kw. This was caused by the delay of the installation of some units until 1968 and by some units being put into service too late to be considered part of the generating capability at the time of the firm power peak load. The 1967 capability was significantly below the previous forecast for New Brunswick, and Ontario.

The largest absolute growths in generating capability for the forecast period are indicated for: Ontario 6,283,000 Kw.; Quebec 3,275,000 Kw.; Newfoundland 2,056,000 Kw. and British Columbia 1,973,000 Kw. Of the increased generating capability in Ontario 3,779,000 Kw. will be in fossil-fuelled plants, (steam, internal combustion and gas turbine) while nuclear-fuelled steam plants will account for 1,533,000 Kw. of the increase. Quebec plans to increase its capability by adding 3,090,000 Kw. hydro and 180,000 Kw. in fossil-fuelled steam plants. The Newfoundland forecast is for an increase of 1,652,000 Kw. in hydro capability and 404,000 Kw. in thermal capability, while British Columbia estimates are for increases of 1,790,000 Kw. and 183,000 Kw. in hydro and thermal capability respectively.

In the period from 1957 to 1967 the compound growth rate of firm power peak load in Canada was 6.66 per cent. This growth rate is expected to increase to 7.02 per cent during the period 1967 to 1972. During the forecast period the indicated reserve is expected to increase from 3,507,000 Kw. in 1967 to 8,826,000 Kw. in 1972. The indicated reserve, stated as a percentage of firm power peak load, amounted to 12.5 per cent in 1967 and it is forecast that it will be 22.4 per cent in 1972.

Firm energy requirements increased 7.24 per cent from 151,653 million Kwh. in 1966 to 162,629 million Kwh. in 1967 compared with a compound growth rate of 6.79 per cent in the previous ten year period and a forecast growth rate of 7.15 per cent for the period 1967-1972. The additional firm energy requirement in 1967 was supplied by an increase in net generation of 7,630 million Kwh. a decrease in net exports of 1,529 million Kwh. and a decrease of 1,817 million Kwh. secondary energy delivered within Canada.

6503-521

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TABLE 1. Total Net Generating Capability within Provinces

Province	1957	1963	1964	1965	1966	1967	Forecast				Percentage change (compounded)			
							1968	1969	1970	1971	1972	1957 1967	1963 1967	
thousands of kilowatts														
Newfoundland (including Labrador)	249	496	498	502	544	765	901	966	1,266	1,441	2,821	11.88	11.44	1967 1972
Prince Edward Island	25	58	58	58	58	58	78	81	81	81	101	8.78	-	11.73
Nova Scotia	415	532	527	626	626	694	705	936	936	936	1,086	5.28	6.87	9.37
New Brunswick	321	535	534	577	679	793	1,104	1,208	1,209	1,210	1,211	9.47	10.34	8.84
Quebec	6,461	8,951	9,225	10,178	10,566	10,957	11,161	12,604	12,981	13,710	14,232	5.42	5.19	5.37
Ontario	4,932	7,989	7,990	8,514	8,790	9,515	10,477	11,910	13,162	14,509	15,798	6.79	4.47	10.67
Manitoba	639	1,033	1,034	1,361	1,363	1,373	1,498	1,631	1,627	2,031	2,334	7.95	7.37	11.19
Saskatchewan	463	775	912	920	996	1,011	1,206	1,349	1,489	1,589	1,729	8.12	6.87	11.33
Alberta	588	1,200	1,235	1,395	1,491	2,015	2,009	2,150	2,310	2,625	2,644	13.10	13.84	5.58
British Columbia	2,356	3,428	3,481	3,627	3,741	4,121	5,033	5,441	5,687	5,857	6,094	5.78	4.71	8.14
Yukon	15	27	27	32	32	21	31	40	41	41	42	3.42	6.49	14.87
Northwest Territories	11	29	33	46	47	47	47	52	53	58	58	15.63	12.83	4.29
Canada	16,469	25,053	25,554	27,836	28,933	31,370	34,250	38,368	40,847	44,098	48,150	6.66	5.80	8.95

TABLE 2. Firm Power Peak Load within Provinces

Province	1957	1963	1964	1965	1966	1967	Forecast					Percentage change (compounded)		
							1968	1969	1970	1971	1972	1957 1967	1963 1967	1967 1972
thousands of kilowatts														
Newfoundland (including Labrador)	222	349	376	422	450	571	653	868	1,201	1,386	1,580	9.99	13.10	22.57
Prince Edward Island	14	27	31	35	37	40	44	47	51	56	60	11.07	10.33	8.45
Nova Scotia	322	411	438	457	496	604	631	723	780	843	912	6.49	10.10	8.59
New Brunswick	258	401	461	528	544	551	612	657	704	742	804	7.88	8.27	7.85
Quebec	5,256	7,118	7,651	8,228	8,761	9,142	9,702	10,302	10,775	11,428	11,872	5.69	6.46	5.36
Ontario	5,369	7,410	7,897	8,596	9,157	9,930	10,544	11,191	11,912	12,712	13,556	6.34	7.59	6.42
Manitoba	608	955	1,004	1,022	1,083	1,246	1,354	1,476	1,569	1,663	1,763	7.44	6.88	7.19
Saskatchewan	299	531	619	685	761	833	970	1,083	1,201	1,335	1,470	10.79	11.92	12.03
Alberta	476	984	1,106	1,121	1,219	1,340	1,509	1,675	1,817	1,962	2,190	10.95	8.03	10.32
British Columbia	1,821	2,537	2,886	3,058	3,421	3,647	4,027	4,315	4,520	4,721	4,956	7.19	9.50	6.33
Yukon	12	14	15	16	17	14	16	26	27	28	30	1.55	-	16.47
Northwest Territories	7	18	19	31	27	30	30	35	33	41	44	15.56	13.62	7.96
Canada	14,664	20,755	22,503	24,199	25,973	27,948	30,092	32,398	34,595	36,917	39,237	6.66	7.72	7.02

TABLE 3. Firm Energy Requirement within Provinces

Province	1957	1963	1964	1965	1966	1967	Forecast				Percentage change (compounded)			
							1968	1969	1970	1971	1972	1957 1967	1963 1967	1967 1972
millions of kilowatt-hours														
Newfoundland (including Labrador)	1,100	1,878	2,293	2,640	2,750	3,009	3,626	4,978	6,879	8,395	9,794	9.72	12.51	26.65
Prince Edward Island	57	111	124	136	140	161	180	205	231	273	311	10.94	9.74	14.07
Nova Scotia	1,471	2,100	2,301	2,466	2,648	2,830	3,138	3,541	4,015	4,334	4,632	6.76	7.74	10.36
New Brunswick	1,347	2,095	2,410	2,742	3,042	3,294	3,479	3,682	3,899	4,102	4,326	9.35	11.98	5.60
Quebec	31,376	42,094	47,081	49,227	53,365	56,850	60,312	64,171	67,171	71,729	75,008	6.12	7.80	5.70
Ontario	30,960	41,529	44,814	48,509	53,095	56,798	60,440	63,748	67,866	72,375	77,608	6.26	8.14	6.44
Manitoba	3,347	5,445	5,659	5,988	6,215	6,563	7,195	7,931	8,530	9,037	9,482	6.97	4.78	7.64
Saskatchewan	1,126	2,327	2,658	3,205	3,596	3,937	4,489	5,315	5,927	6,675	7,373	13.33	14.05	13.37
Alberta	2,358	4,519	4,987	5,499	6,068	6,713	7,624	8,476	9,302	10,247	11,241	11.03	10.40	10.86
British Columbia	10,975	14,982	16,849	18,444	20,455	22,228	24,333	25,798	26,950	28,201	29,512	7.31	10.36	5.83
Yukon	45	64	65	82	83	83	92	115	161	165	168	6.31	6.71	15.15
Northwest Territories	69	101	98	111	156	163	170	196	210	223	236	8.96	12.71	7.68
Canada	84,321	117,245	129,339	139,049	151,653	162,629	175,078	188,156	201,141	215,756	229,691	6.79	8.52	7.15

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ENERGY STATISTICS

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Catalogue No. 57-002

June 19, 1968

Vol. 3 No. 23

CONTENTS

	Page
1. Sales of Natural Gas, March 1968	1
2. Preliminary Electric Energy Statistics April, 1968	3

1. Sales of Natural Gas, March 1968

Total sales of, natural gas to Canadian consumers by distributors for March, 1968, were 78,495,899 Mcf. This was an increase of 1.7% over the same month last year. Revenue from sales was \$56,104,565.

Sales to residential customers accounted for 35.5%, to industrial customers 43.0%, and to commercial customers 21.5%.



6503-521

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Sales of Natural Gas, March 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,905	4,416	14,426
Quebec	94,333	204,191	1,399,512	2,579,070
Ontario	547,752	679,861	13,760,748	16,232,931
Manitoba	94,546	102,431	2,414,987	2,085,283
Saskatchewan	111,906	117,373	2,447,114	1,723,920
Alberta	249,420	252,100	5,304,693	2,776,691
British Columbia	169,971	189,760	2,511,024	3,632,729
Canada	1,268,058	1,547,621	27,842,494	29,045,050
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,257	2,257	1,665,298	1,083,638
Ontario	7,455	7,455	13,148,862	7,947,750
Manitoba	302	302	1,536,537	458,998
Saskatchewan	611	611	4,296,799	1,182,620
Alberta	567	567	8,892,913	1,676,324
British Columbia	269	269	4,233,825	1,761,961
Canada		11,461	33,774,234	14,111,291
Firm		1,172	23,594,456	10,572,922
Interruptible		10,289	10,179,778	3,538,369
Commercial:				
New Brunswick	60	60	2,847	5,591
Quebec	10,294	10,294	608,607	760,676
Ontario	60,653	60,653	7,142,819	6,841,202
Manitoba	9,258	9,258	1,695,329	1,153,293
Saskatchewan	16,073	16,073	1,647,133	869,061
Alberta	28,280	28,280	4,334,573	1,682,573
British Columbia	24,622	24,622	1,447,863	1,635,828
Canada		149,240	16,879,171	12,948,224
Total sales:				
New Brunswick	1,965	1,965	7,263	20,017
Quebec	216,742	216,742	3,673,417	4,423,384
Ontario	747,969	747,969	34,052,429	31,021,883
Manitoba	111,991	111,991	5,646,853	3,697,574
Saskatchewan	134,057	134,057	8,391,046	3,775,601
Alberta	280,947	280,947	18,532,179	6,135,588
British Columbia	214,651	214,651	8,192,712	7,030,518
Canada		1,708,322	78,495,899	56,104,565
Total exports			52,521,009	13,861,942
Total imports			9,259,790	5,208,146

2. Preliminary Electric Energy Statistics, April 1968

Net generation of electric energy increased 5.2% to 14,060,741 thousand Kwh. in April 1968 from 13,368,254^r thousand Kwh. in April 1967. For the second consecutive month there was an abnormally small increase in generation in Quebec.

Firm energy consumption for the month was up 4.3% compared with an increase of 6.9% for 1967 over 1966. There was a decrease of 1.0% in firm energy consumption in Quebec.

Imports reversed the trend of recent months by declining to 259,810 thousand Kwh. in April 1968 from 343,842 thousand Kwh. in April 1967. During the same period exports increased to 356,955 thousand Kwh. from 300,951 thousand Kwh. Secondary energy consumption decreased 12% to 149,504 thousand Kwh.

Total generation for the twelve month period ending April 30, 1968 amounted to 168,163,358 thousand Kwh.

Further details will be published in the April 1968 edition of Electric Power Statistics, Catalogue No. 57-001.

Preliminary Electric Energy Statistics

(thousand Kwh)

	April		
	1966	1967	1968
Net generation - Hydro	10,527,733 ^r	10,782,650	11,477,594
Thermal	2,027,731 ^r	2,585,604 ^r	2,583,147
Total net generation	12,555,464 ^r	13,368,254 ^r	14,060,741
Energy imported from U.S.A.	176,750	343,842	259,810
Energy exported to U.S.A.:			
Firm	61,248	58,066	68,156
Secondary	248,185	242,885	288,799
Total exported to U.S.A.	309,433	300,951	356,955
Net energy used in Canada	12,422,781 ^r	13,411,145 ^r	13,963,596
Secondary energy used in Canada	270,099 ^r	169,915	149,504
Firm energy used in Canada	12,152,682 ^r	13,241,230 ^r	13,814,092

^r Revised figures.



Catalogue No. 57-002
Vol. 3 No. 24

July 2, 1968

CONTENTS

	Page
1. Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies, Quarterly Financial Statistics	1
2. Refined Petroleum Products, March 1968	6

1. Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies Preliminary Financial Statistics

For the three month period ended March 31, 1968 net income for oil pipeline companies was \$11.4 million compared to the \$10.9 million reported for the same period in 1967; earnings in the year 1967 were estimated at \$57.8 million. Net income of gas pipeline transport companies decreased to \$10.4 million, 1.0 per cent less than the \$10.5 million in the previous year; earnings for these companies was estimated at \$32.3 million in 1967. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributors' revenues, was \$33.8 million, up 25.2 per cent from \$27.0 million. The estimated net income of the privately operated distributors in 1967 was \$42.4 million.

Fixed assets as at March 31, 1968 totalled \$765.7 million for oil pipeline companies (up 18.3 per cent from \$647.5 million), \$1,287.5 million for gas pipeline companies (up 7.1 per cent from \$1,202.7 million), and \$1,107.8 million for gas distribution companies (up 9.4 per cent from \$1,012.4 million). Comparable data at the end of 1967 were 764.5, 1,277.0 and 1,081.8 million dollars respectively.



Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Three Months Ending March 31, 1967-68

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)
	1967	1968	1967	1968	
	millions of dollars				
Total operating revenues	39.0	44.6	76.0	83.8	207.0
Total operating expenses	8.9	10.9	46.7	54.5	129.5
Net revenue from operations	30.1	33.7	29.3	29.3	77.5
Other income and income from affiliated companies	1.9	1.5	0.5	0.6	3.0
Other deductions and fixed charges:					
Depreciation	5.8	6.4	7.5	7.7	10.4
Interest on long term debt	3.9	4.5	10.2	10.4	11.9
Other	0.4	0.4	1.6	1.4	2.2
	10.1	11.3	19.3	19.4	24.5
Net income before taxes	21.9	23.9	10.5	10.4	56.0
Provision for income taxes	11.0	12.5	-	-	22.2
Net income after taxes	10.9	11.4	10.5	10.4	33.8

Quarterly Statement

Assets, Liabilities and Net Worth as at March 31, 1967-68

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1967	1968	1967	1968	1967	1968
millions of dollars						
<u>Assets</u>						
Current assets:						
Cash	65.3	35.7	16.1	15.8	12.9	8.5
Accounts receivable less provision for doubtful accounts	22.3	25.2	27.5	31.4	76.5	95.1
Inventories of materials and supplies(1)	2.5	2.9	5.9	6.8	16.8	21.1
Other current assets	0.9	1.5	0.4	2.5	6.6	9.8
	91.0	65.3	49.9	56.5	112.8	134.5
Investments	63.9	57.2	61.1	64.1	123.9	163.6
Fixed assets	647.5	765.7	1,202.7	1,287.5	1,012.4	1,107.0
Less depreciation and amortization	224.4	228.4	175.9	200.9	166.3	185.6
Net fixed assets	423.1	537.3	1,026.8	1,086.6	846.1	922.2
Deferred debits	3.1	4.1	20.0	21.8	31.4	26.7
Total assets	581.1	663.9	1,157.8	1,229.0	1,114.2	1,247.0
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	12.8	9.6	31.1	65.4	34.9	46.3
Accounts payable	25.2	38.0	54.1	67.4	81.2	90.2
Long term debt due within one year less long term debt owned	19.3	21.6	31.2	32.6	13.4	15.0
Other current liabilities	0.3	2.4	0.3	0.2	7.0	5.2
	57.6	71.6	116.7	165.6	136.5	156.7
Long term debt	287.3	320.5	700.4	708.4	489.7	525.1
Deferred credits	49.4	54.0	6.5	6.4	24.5	30.4
Capital stock and surplus:						
Preferred	5.9	13.4	77.7	77.5	101.7	134.0
Common	72.9	71.6	96.7	97.1	175.1	190.1
Contributed surplus	22.3	22.9	90.2	90.8	40.0	37.7
Retained earnings	85.7	109.9	69.6	83.2	146.7	167.0
	186.8	217.8	334.2	348.6	463.5	534.8
Total liabilities and net worth	581.1	663.9	1,157.8	1,229.0	1,114.2	1,247.0

(1) Includes oil and gas inventories and gas stored underground.

Preliminary Operating Revenue and Expense Account
For Twelve Months Ending Dec. 31, 1967

	Oil pipeline transport	Natural Gas pipeline transport	Natural gas distribution (privately operated)
	millions of dollars		
Total operating revenues	169.5	289.8	386.2
Total operating expenses	41.8	184.5	269.3
Net revenue from operations	127.7	105.3	116.9
Other income and income from affiliated companies ...	20.5	1.7	5.8
Other deductions and fixed charges:			
Depreciation	24.9	29.8	24.3
Interest on long term debt	17.2	40.6	30.0
Other	1.8	4.2	3.8
Net income before taxes	43.9	74.6	58.1
	104.3	32.4	64.6
Provision for income taxes	46.5	0.1	22.2
Net income after taxes	57.8	32.3	42.4

Preliminary Estimates

Assets, Liabilities and Net Worth as at Dec. 31, 1967

	Oil pipeline transport	Natural gas pipeline transport	Natural gas distribution (privately operated)
	millions of dollars		
<u>Assets</u>			
Current assets:			
Cash	21.4	11.1	3.8
Accounts receivable less provision for doubtful accounts	24.9	32.0	74.0
Inventories of materials and supplies(1)	3.5	5.9	32.8
Other current assets	1.4	2.5	11.0
	51.2	51.5	121.6
Investments	60.1	63.4	174.9
Fixed assets	764.5	1,277.0	1,081.8
Less depreciation and amortization	237.8	193.7	179.1
Net fixed assets	526.7	1,083.3	902.7
Deferred debits	4.0	20.9	26.3
Total assets	642.0	1,219.1	1,225.5
<u>Liabilities and Net Worth</u>			
Current liabilities:			
Short term loans	14.6	62.2	53.3
Accounts payable	36.2	62.4	78.1
Long term debt due within one year less long term debt owned	19.3	32.9	18.5
Other current liabilities	1.4	0.1	5.5
	71.5	157.6	155.4
Long term debt	313.5	711.1	526.5
Deferred credits	52.0	5.9	27.3
Capital stock and surplus:			
Preferred	11.1	77.8	134.3
Common	73.8	96.9	195.7
Contributed surplus	22.9	90.6	39.6
Retained earnings	97.2	79.2	146.7
	205.0	344.5	516.3
Total liabilities and net worth	642.0	1,219.1	1,225.5

(1) Includes oil and gas inventories and gas stored underground.

2. Refined Petroleum Products

Production of refined petroleum products increased 8.5% in March to 36,406,198 barrels from 33,544,380 in the same month last year, according to an advance release of data to be contained in the March issue of "Refined Petroleum Products." Catalogue No. 45.004

Receipts of crude oil increased 8.5% in March to 36,364,414 barrels from 33,519,986 a year earlier. There was 5.7% more domestic crude at 20,272,986 barrels versus 19,182,236 and 12.2% more imported crude at 16,091,428 barrels versus 14,337,750. Domestic disappearance of finished petroleum products decreased 4.8% to 39,476,948 barrels from 41,453,487 in the same month last year.

Sales of petroleum products in March decreased 5 1/2% from last year in all provinces except Saskatchewan. Nevertheless sales for the first quarter of 1968 are up 8% over last year, compared to last years first quarter gain of only 5 1/2%.

The decreased sales were caused by a 3.5 million barrel drop for light fuel oils and kerosene, while gasoline deisel and heavy fuel oils posted small gains.

Inventories of all products increased slightly during March to 70.4 million barrels, compared with March decreases of 6.2 million barrels and 4 million barrels in 1967 and 1966 respectively.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, March 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,078,133	245,881	(2)	833,318	882,759	3,607,384
Quebec	3,283,523	967,833	1,282,301	2,613,196	3,322,134	12,421,729
Ontario	3,637,923	436,549	770,453	2,400,929	1,902,905	10,488,879
Manitoba	568,648	94,532	187,118	145,842	122,795	1,373,824
Saskatchewan	893,925	133,901	336,722	176,302	146,160	1,865,411
Alberta	1,572,469	- 28,562	725,614	145,800	153,095	3,243,541
British Columbia	989,584	255,056	911,052	69,870	352,396	3,324,955
North West Territories and Yukon	29	1	20,068	236	11,355	80,475
Canada totals	12,024,234	2,105,191	4,233,328	6,385,493	6,893,599	36,406,198

(1) Included with Maritimes. (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, March 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total oil products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	44,317	10,000	230,744	476,212	520,238	1,383,425
Quebec	-	139,697	410,936	2	- 4,508	589,933
Ontario	-	-	9,108	91,028	16,170	235,942
All other	850	204	8,117	-	614,632	651,642
Canada totals	45,167	149,901	658,905	567,242	1,146,532	2,860,942

EXPORTS Of Selected Petroleum Products, March 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	3,730	-	-	5,143
Ontario	58,184	9,343	-	30,220	11,972	140,364
Alberta	-	-	-	-	1,143	1,143
British Columbia	46,415	-	13,918	73,773	-	210,126
Canada totals	104,599	9,345	51,748	103,993	13,115	356,776

NET SALES In Canada Of Selected Petroleum Products, March 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
Barrels of 35 Canadians gallons								
Newfoundland	149,125	158,241	186,131	233,679	91,794	877,456	2,906,988	2,880,561
Maritimes	628,613	349,311	287,619	1,075,496	1,018,717	3,494,056	11,979,395	10,328,111
Quebec	2,617,548	705,367	489,898	3,869,628	2,455,577	11,148,950	39,073,438	34,619,357
Ontario	3,970,376	349,159	610,856	4,463,108	2,182,658	12,749,356	42,882,958	40,222,628
Manitoba	476,959	150,392	159,149	224,957	74,558	1,227,735	4,015,542	3,879,254
Saskatchewan	801,398	99,116	355,490	161,372	45,644	1,553,605	4,162,944	3,923,612
Alberta	1,033,713	49,962	435,649	83,430	25,844	1,830,253	5,586,789	5,344,079
British Columbia	1,056,200	199,977	531,591	472,169	1,087,931	3,655,977	11,175,170	11,054,030
North West Territories and Yukon	16,331	5,794	21,959	21,465	986	83,072	221,499	179,692
Canada totals	13,750,266	2,067,319	3,078,342	10,605,304	6,983,709	36,620,460	-	-
Canada cumulative 1968	31,741,886	8,267,684	8,753,308	41,038,824	23,091,686	-	122,017,723	-
Canada cumulative 1967	30,437,497	7,862,519	8,532,656	36,192,762	24,231,864	-	-	112,431,324

SERVICE BULLETIN

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ENERGY STATISTICS

For further information write to D.B.S. Industry Division, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 - Vol. 3, No. 25

July 3, 1968.

CONTENTS

	Page
1. Preliminary(1) Report on Coal Production, May 1968	1
2. Sales of Natural Gas, April 1968	3

1. Preliminary(1) Report on Coal Production, May 1968

Preliminary coal production for the month of May 1968 amounted to 913,264 tons, an increase of 8.9% from the May 1967 preliminary production of 838,416 tons. Landed imports were 2,266,463 tons compared with 2,195,956 tons for the same period last year. The increase was accounted for by gains in Western Canada more than offsetting losses in Eastern Canada.

- (1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

6503-521



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DOMINION BUREAU OF STATISTICS

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Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
	net tons of 2,000 pounds			
<u>May</u>				
Newfoundland	-	2,073	-	-
Nova Scotia	366,797 ^r	17,544	274,763	51,024
New Brunswick	60,948	-	62,097	291
Quebec	-	112,081	-	79,436
Ontario	-	2,063,764	-	2,135,282
Manitoba	-	399	-	96
Saskatchewan	107,289	-	152,656	210
Alberta - Bituminous	67,661	-	80,954	-
Sub-bituminous	150,901	-	244,237	-
British Columbia and Yukon ..	84,820	95	98,557	124
Canada totals	838,416 ^r	2,195,956	913,264	2,266,463
<u>Five months ended May</u>				
Newfoundland	-	9,080	-	5,874
Nova Scotia	1,674,182 ^r	68,360	1,437,358	223,485
New Brunswick	328,809	257	308,086	432
Quebec	-	216,425	-	174,746
Ontario	-	3,622,767 ^r	-	3,874,782
Manitoba	-	1,715	-	399
Saskatchewan	938,244	404	1,111,472	1,223
Alberta - Bituminous	376,077	-	419,104	-
Sub-bituminous	1,172,825	-	1,196,045	-
British Columbia and Yukon ..	379,818	270	398,378	124
Canada totals	4,869,955 ^r	3,919,278 ^r	4,870,443	4,281,065

(1) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(2) All figures are preliminary.
^r Revised figures.

2. Sales of Natural Gas, April 1968

Sales of Natural gas to Canadian consumer on April were 65,315,183 Mcf. This was a decrease of 1.7% from the same month last year. Revenue from sales was \$42,655,448.

Residential sales were down from 1967 levels by over 8% and were slightly lower than 1966 sales. Commercial sales also declined with a drop of 7% from April of last year. Offsetting the declines on residential and commercial sales was an increase of 5.8% on Industrial sales.

The main cause of the declines was the unseasonably warm April in Quebec, Ontario, Manitoba, Saskatchewan and Alberta contrasted against the weather in April 1967 which was unseasonably cold for all Canada.

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,893	3,693	12,577
Quebec	94,311	203,426	1,376,578	2,241,796
Ontario	548,835	679,572	8,523,601	10,426,254
Manitoba	100,025	102,541	1,635,202	1,455,604
Saskatchewan	112,175	117,654	1,979,243	1,473,898
Alberta	249,697	252,373	4,455,562	2,408,411
British Columbia	169,866	190,466	1,931,534	2,812,305
Canada	1,275,039	1,547,925	19,905,413	20,830,845
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,241	1,336,681	419,460	
Ontario	7,444	12,583,284	7,106,214	
Manitoba	295	1,680,918	481,858	
Saskatchewan	608	4,542,000	1,038,404	
Alberta	563	8,154,241	1,557,992	
British Columbia	274	4,099,531	1,706,783	
Canada	11,425	32,396,655	12,310,711	
Firm	10,258	20,832,108	8,625,581	
Interruptible	1,167	11,564,547	3,685,130	
Commercial:				
New Brunswick	60	2,266	4,780	
Quebec	10,215	517,407	627,675	
Ontario	60,690	5,023,543	4,407,731	
Manitoba	9,247	1,214,658	655,275	
Saskatchewan	16,099	1,135,555	625,435	
Alberta	28,279	3,779,367	1,442,888	
British Columbia	24,619	1,340,319	1,550,108	
Canada	149,209	13,013,115	9,513,892	
Total sales:				
New Brunswick	1,953	5,959	17,357	
Quebec	215,882	3,230,666	3,288,931	
Ontario	747,706	26,130,428	21,940,199	
Manitoba	112,083	4,530,778	2,792,737	
Saskatchewan	134,361	7,656,798	3,137,737	
Alberta	281,215	16,389,170	5,409,291	
British Columbia	215,359	7,371,384	6,069,196	
Canada	1,708,559	65,315,183	42,655,448	
Total exports			48,402,731	13,153,800
Total imports			8,023,099	3,667,093

Catalogue No. 57-002
Vol. 3, No. 26

July 4, 1968.

CONTENTS

	Page
1. Coal and Coke Statistics, April 1968	1
2. Crude Oil Requirements 1967-68	3

1. Coal and Coke Statistics, April 1968 Cat. No. 45-002

Coal production for the month of April 1968 amounted to 892,758 tons an increase of 8.7% from the April 1967 production of 821,293 tons, while landed imports were 1,730,036 tons compared with 1,445,440 tons for the month of April 1967. Consumption by industrial consumers amounted to 1,292,628 tons of coal and 505,979 tons of coke, a decrease of 20,787 tons of coal and an increase of 38,001 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 4,232,654 tons from 3,785,405 tons in April 1967.

Coke production during the month of April 1968, increased to 455,608 tons from 359,305 tons in April 1967, while coke used in blast furnaces increased to 375,045 tons from 322,626 tons during the same period.



6503-521

April 1968

- 2 -

2. Crude Oil Requirements 1967 and 1968

Summary of Crude Oil Requirements and New Needs
(thousand barrels daily)

	1967		1968			
	Requirements		Requirements		New needs	
	Volume	%	Volume	%	Volume	%
Domestic	615	58	643	58	28	51
Imports	447	42	474	42	27	49
Totals	1,062	100	1,117	100	55	100

Although Canadian Refineries will have limited capacity increase in 1968 from the 1.209 million barrels per day capacity at the end of 1967, their requirements for Crude oil is estimated to increase to a total of 1.117 million B/D; an increase of 5.2% over 1967.

Canadian crude requirements for refining are expected to increase by 4.6% from 615,000 B/D in 1967 to 643,000 B/D in 1968, while imported crude requirements for refining are expected to rise by 6.0% from 447,000 B/D in 1967 to 474,000 B/D in 1968.

Forecast new needs of crude oil for refining are expected to amount to 55,000 B/D in 1968, with domestic produced crude supplying 51% of these new needs (28,000 B/D) and imports 49% (27,000 B/D).

Crude oil exports for the third quarter of 1968 are estimated to average 483,000 B/D, an increase of 53,000 over the same period in 1967.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual Jan. - Dec.		Actual 1967				1968			
	1966	1967	July	Aug.	Sept.	Estimated			Jan. - Dec.	
						July	Aug.	Sept.		
'000 barrels per day										
<u>By source</u>										
Domestic:										
Western	599.6	611.8	609.4	635.9	604.9	675.0	609.1	662.0	639.5	
Eastern	3.6	3.4	3.4	3.3	3.2	3.3	3.2	3.3	3.5	
Totals	603.2	615.2	612.8	639.2	608.1	678.3	612.3	665.3	643.0	
Imported	434.4	446.8	450.9	452.4	435.3	555.2	525.4	498.9	474.2	
Total Requirements ...	1,037.6	1,062.0	1,063.7	1,091.6	1,043.4	1,233.5	1,137.7	1,164.2	1,117.2	
<u>By location</u>										
Atlantic	110.1	110.0	117.5	123.2	95.5	136.6	130.8	118.3	106.4	
Quebec	322.8	335.6	331.5	326.5	339.9	415.7	391.6	377.6	366.4	
Ontario	312.8	311.3	307.2	326.3	289.5	346.3	283.7	349.0	322.8	
Manitoba	40.0	40.0	36.3	43.2	42.2	44.4	43.9	45.6	43.1	
Saskatchewan	62.1	63.0	71.3	68.3	63.9	69.4	70.9	70.4	64.3	
Alberta	93.4	97.9	103.7	104.5	102.4	106.3	105.3	104.2	102.6	
British Columbia	94.4	102.3	94.0	97.4	107.6	112.3	109.0	96.6	109.5	
North West Territories	2.0	1.9	2.2	2.2	2.4	2.5	2.5	2.5	2.1	
Total Requirements	1,037.6	1,062.0	1,063.7	1,091.6	1,043.4	1,233.5	1,137.7	1,164.2	1,117.2	
Export requirements(1)	346.8	412.5	369.1	447.0	461.5	520.4	485.3	491.5	..	

(1) Reported by the pipeline companies.
.. Figures not available.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002

July 12, 1968.

Vol. 3 No. 27

CONTENTS

	Page
1. Natural Gas Pipeline Mileage, 1965	1
2. Preliminary Electric Energy Statistics May 1968 ..	3

1. Natural Gas Pipeline Mileage Catalogue No. 57-205

Total mileage of all natural gas pipe lines in 1965, including lines operated by producing and gas processing companies, amounted to 44,072.9 miles, up 2,211.1 miles over 1964. Gathering pipe lines totalled 5,205.7 miles (up 288.2); transmission pipe lines increased to 14,206.1 miles (up 895.4); and distribution pipe lines rose to 24,661.1 miles (up 1,027.5).



6503-521

GAS UTILITIES

Natural Gas Pipe Line Mileage by Province, as at December 31, 1958-65(1)

	1958	1959	1960	1961	1962	1963	1964	1965
miles								
<u>Gathering</u>								
New Brunswick	10.6	10.6	6.5	6.4	6.4	6.4	6.4	6.4
Quebec	-	-	-	-	-	-	-	-
Ontario	940.4	955.4	909.5	1,313.9	1,314.6	1,048.9	1,042.5	1,101.6
Manitoba	-	-	-	-	-	-	-	-
Saskatchewan	269.2	278.2	286.3	274.5	297.5	308.5	388.8	559.4
Alberta	1,675.9	1,857.6	2,067.6	2,439.5	2,540.0	2,919.6	3,070.7	3,119.9
British Columbia	212.5	337.5	410.4	429.4	409.1	409.0	409.1	418.4
Totals	3,108.6	3,439.3	3,680.3	4,463.7	4,567.6	4,692.4	4,917.5	5,205.7
<u>Transmission</u>								
New Brunswick	11.4	11.4	13.4	13.4	13.4	13.4	13.4	13.4
Quebec	26.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Ontario	3,466.1	3,528.6	3,565.9	3,135.0	3,140.7	3,265.1	3,365.4	3,389.9
Manitoba	375.0	391.3	444.0	456.9	496.0	631.1	731.4	919.3
Saskatchewan	1,395.2	1,782.9	2,102.5	2,274.3	2,566.0	2,831.8	3,081.0	3,288.2
Alberta	2,581.2	3,094.5	3,452.5	4,087.5	4,293.1	4,310.5	4,775.5	5,019.3
British Columbia	1,101.7	1,103.5	1,112.3	1,224.7	1,310.4	1,311.5	1,319.0	1,551.0
Totals	8,957.1	9,937.2	10,715.6	11,216.8	11,844.6	12,388.4	13,310.7	14,206.1
<u>Distribution</u>								
New Brunswick	65.4	65.4	32.1	32.3	32.3	32.4	32.5	32.4
Quebec	971.1	1,027.4	1,115.1	1,123.6	1,143.9	1,202.5	1,262.7	1,295.4
Ontario	8,094.9	9,144.3	9,528.8	10,183.9	10,864.9	11,700.3	12,296.6	12,699.3
Manitoba	509.8	690.3	833.8	853.6	946.5	1,117.1	1,178.6	1,354.3
Saskatchewan	946.7	1,060.0	1,205.3	1,272.8	1,425.0	1,535.9	1,636.5	1,740.3
Alberta	2,201.9	2,455.0	2,675.6	2,895.7	3,099.6	3,224.2	3,383.4	3,486.9
British Columbia	2,379.9	2,709.3	3,028.3	3,182.8	3,427.5	3,646.7	3,843.3	4,052.5
Totals	15,169.7	17,151.7	18,419.0	19,544.7	20,939.7	22,459.1	23,633.6	24,661.1
<u>Totals</u>								
New Brunswick	87.4	87.4	52.0	52.1	52.1	52.2	52.3	52.2
Quebec	997.6	1,052.4	1,140.1	1,148.6	1,168.9	1,227.5	1,287.7	1,320.4
Ontario	12,501.4	13,628.3	14,004.2	14,632.8	15,320.2	16,014.3	16,704.5	17,190.8
Manitoba	884.8	1,081.6	1,277.8	1,310.5	1,442.5	1,748.2	1,910.0	2,273.6
Saskatchewan	2,611.1	3,121.1	3,594.1	3,821.6	4,288.5	4,676.2	5,106.3	5,587.9
Alberta	6,459.0	7,407.1	8,195.7	9,422.7	9,932.7	10,454.3	11,229.6	11,626.1
British Columbia	3,694.1	4,150.3	4,551.0	4,836.9	5,147.0	5,367.2	5,571.4	6,021.9
Totals	27,235.4	30,528.2	32,814.9	35,225.2	37,351.9	39,539.9	41,861.8	44,072.9

(1) Includes pipe line mileage of producing and processing companies. Prepared in Information Division 0804-504

2. Preliminary Electric Energy Statistics, May 1968 Cat. No. 57-001

Net generation of electric energy increased 4.1% to 14,062,272 thousand kwh. in May 1968 from 13,502,307 thousand kwh. in May 1967. For the third consecutive month the small increase in generation was caused by a decline in energy consumption in Quebec.

Exports were down 27% from 379,572 thousand kwh. in May of last year to 278,825 thousand kwh. in May 1968. Imports declined 8% during the same period.

Secondary energy consumption fell to 116,379 thousand kwh. from 177,611 thousand kwh., a decrease of 34%. Firm energy consumption was up 4.1%, the smallest percentage increase since December 1967.

Total generation for the 12 month period ending May 31, 1968 amounted to 168,716,778 thousand kwh.

Preliminary Electric Energy Statistics
(thousand Kwh)

	May		
	1966	1967	1968
Net generation - Hydro	10,997,664 ^r	11,377,609	11,279,706
Thermal	1,800,746 ^r	2,124,698	2,782,566
Total net generation	12,798,410 ^r	13,502,307	14,062,272
Energy imported from U.S.A.	191,092	379,572	278,825
Energy exported to U.S.A.:			
Firm	63,140	58,374	67,282
Secondary	264,640	257,328	222,082
Total exported to U.S.A.	327,780	315,702	289,364
Net energy used in Canada	12,661,722 ^r	13,566,177	14,051,733
Secondary energy used in Canada	267,374 ^r	177,611	116,379
Firm energy used in Canada	12,394,348 ^r	13,388,566	13,935,354

^r Revised figures.

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Vol. 3 No. 28

July 18, 1968.

CONTENTS

	Page
1. Preliminary Review of the Coal Mining Industry 1967	1
2. Fuel Used to Generate Electricity, 1967	8

1. Preliminary Review of the Coal Mining Industry, 1967

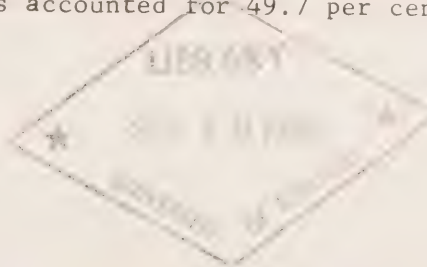
Cat. No. 26-206

Production of coal in Canada in 1967 amounted to 11,395,754 tons, 0.04 per cent more than the total of 11,391,569 tons produced in 1966. The increase was due mainly to an 11.0 per cent advance in the production of British Columbia bituminous coal which amounted to 1,207,686 tons in 1967. This, combined with a 6.6 per cent increase in Alberta bituminous and a 2.9 per cent increase in Alberta sub-bituminous production more than offset the decrease in production of bituminous coal in Nova Scotia and New Brunswick, and lignite coal in Saskatchewan. The declines in production were 116,047 tons (down 3.0 per cent) in Nova Scotia and 60,352 tons (down 6.7 per cent) in New Brunswick for bituminous coal; and 70,018 tons (3.4 per cent) for Saskatchewan lignite coal.

Bituminous coal accounted for 59.0 per cent of the 1967 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 23.4 per cent and 17.6 per cent respectively.

The value of sales, f.o.b. mines was \$82,759,916 in 1967, up 1.5 per cent from the previous year. Salaries and wages accounted for 49.7 per cent of the value of sales.

6503-521



The value of sales of bituminous coal ranged from a low of \$6.24 per ton in British Columbia through \$7.40 per ton in Alberta, \$8.94 per ton in New Brunswick to a high of \$13.82 in Nova Scotia. Changes in 1967 unit value of sales of bituminous coal over revised comparable 1966 figures were + \$0.15 in New Brunswick, + \$0.45 in Nova Scotia, + \$0.52 in Alberta and + \$0.32 in British Columbia. Value of sales of Alberta sub-bituminous coal averaged \$2.06 per ton, down \$0.22 from the revised 1966 figures while the average value of sales of Saskatchewan lignite increased \$0.01 per ton to \$1.80.

Exports of Canadian coal increased 8.9 per cent to 1,338,353 tons in 1967 while value of exports rose 14.3 per cent to \$15,091,852. Eighty-seven per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at Customs' ports awaiting clearance) amounted to 15,812,448 tons in 1967, a decrease of 3.2 per cent over 1966.

Approximately 92.5 per cent of the imported coal was cleared through Ontario ports with Quebec and Nova Scotia accounting for most of the remainder. Ninety-six per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 1,757,331 tons in 1966 to 1,365,261 tons a decrease of 22.3 per cent.

Consumption of coal by industrial consumers increased 4.6 per cent to 15,845,571 tons in 1967 from 15,148,302 tons the previous year. There was a decrease in the consumption of coke by industrial consumers from 5,595,508 tons in 1966 to 5,466,747 tons in 1967.

Stocks of coal and coke by retail fuel dealers declined from 401,085 tons in 1966 to 325,517 tons in 1967. However stocks of coal held by industrial consumers increased from 5,988,552 tons to 6,384,327 tons during the same period. Coke stocks held by industrial consumers decreased from 310,960 tons to 269,992 tons. Total stocks of coal in Canada rose approximately 629,000 tons during the year to about 10,820,000 tons as at December 31, 1967. Stocks of coke declined by approximately 68,000 tons to 240,000 tons during the same period.

In 1967 there were 5,856,056 tons of bituminous coal charged to ovens to manufacture 4,430,299 tons of coke, compared with 5,890,577 tons of coal used to make 4,426,051 tons of coke in 1966. Ninety-five per cent of the coal used to manufacture coke was imported bituminous.

A total of 8,227 employees worked 1,981,258 man-days for wages and salaries of \$41,132,621 in 1967. Approximately 69.0 per cent of the employees' salaries and wages were accounted for by Nova Scotia.

TABLE 1. Principal Statistics for the Coal Mining Industry 1966 and 1967

	Number of mines	Average number of employees	Salaries and wages	Cost of fuel and electricity at mines	Cost of process supplies at mines	Value at mines	Production of coal
							short tons
Nova Scotia	8	5,703	28,271,982	1,713,388	9,808,278	51,681,004	3,738,487
New Brunswick	14 (1)	715	3,260,828	640,398	1,680,257	7,489,617	837,963
Saskatchewan	3	166	974,351	167,233	438,156	3,620,962	2,008,147
Alberta	35	1,126	6,101,263	622,569	1,895,470	12,418,414	3,601,559
British Columbia	4	514	2,510,913	214,848	894,901	7,534,128	1,207,686
Yukon	1	3	13,284	3,190	3,921	15,791	1,912
Canada 1967	65	8,227	41,132,621	3,361,626	14,720,983	82,759,916	11,395,754
Canada 1966	72	8,564	39,091,279	3,559,052	15,244,376	81,559,794	11,391,569

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 2. Production of Coal, by Kinds and by Provinces, 1966 and 1967

Province and kind of coal	1966			1967		
	Number of mines	Short tons	Value at mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous	12	3,854,534	51,518,674	8	3,738,487	51,681,004
New Brunswick - Bituminous	14(1)	898,315	7,892,427	14(1)	837,963	7,489,617
Saskatchewan - Lignite	3	2,078,165	3,717,586	3	2,008,147	3,620,962
Alberta:						
Bituminous	5	879,569	6,047,369	6	937,836	6,938,387
Sub-bituminous	31	2,587,685	5,899,889	29	2,663,723	5,480,027
Totals	36	3,467,254	11,947,258	35	3,601,559	12,418,414
British Columbia - Bituminous	6	1,087,631	6,437,459	4	1,207,686	7,534,128
Yukon - Bituminous	1	5,670	46,390	1	1,912	15,791
Canada:						
Bituminous	38	6,725,719	71,942,319	33	6,723,884	73,658,927
Sub-bituminous	31	2,587,685	5,899,889	29	2,663,723	5,480,027
Lignite	3	2,078,165	3,717,586	3	2,008,147	3,620,962
Totals	72	11,391,569	81,559,794	65	11,395,754	82,759,916

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 3. Summary of Coal Statistics for 1967 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds

Province		Canadian coal			Imported coal
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.
			To other provinces short tons	For export	
Newfoundland:					
Anthracite .....	...	-	...	...	1,250
Bituminous .....	...	39,782	...	...	11,214
Totals .....	...	39,782	...	...	12,464
Prince Edward Island - Bituminous .....	...	22,432	...	...	-
Nova Scotia - Bituminous	3,738,487	-	2,183,419	317	401,145
New Brunswick:					
Anthracite	-	-	-	-	1,485
Bituminous	837,963	182,229	72,137	-	318
Totals	837,963	182,229	72,137	-	1,803
Quebec:					
Anthracite .....	...	-	...	...	247,075
Bituminous .....	...	959,603	...	...	519,481
Totals .....	...	959,603	...	...	766,556
Ontario:(2)					
Anthracite .....	...	-	...	...	301,064
Bituminous .....	...	1,115,727	...	...	14,328,604
Sub-bituminous .....	...	3,660	...	...	-
Lignite .....	...	242,596	...	...	-
Totals .....	...	1,361,983	...	...	14,629,668
Manitoba:					
Bituminous .....	...	131,684	...	...	547
Sub-bituminous .....	...	92,621	...	...	-
Lignite .....	...	376,463	...	...	-
Totals .....	...	600,768	...	...	547

See footnotes at end of table.

TABLE 3. Summary of Coal Statistics for 1967 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds - Concluded

Province	Canadian coal				Imported coal
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.
			To other provinces short tons	For export	
Saskatchewan:					
Bituminous	-	179	-	-	-
Sub-bituminous	-	504,606	-	-	-
Lignite	2,008,147	-	619,059	10,735	-
Totals	2,008,147	504,785	619,059	10,735	-
Alberta:					
Bituminous	937,836	116	113,070	783,222	-
Sub-bituminous	2,663,723	-	671,925	99	-
Totals	3,601,559	116	784,995	783,321	-
British Columbia:					
Anthracite	-	-	-	-	149
Bituminous	1,207,686	94,375	177,501	417,467	116
Sub-bituminous	-	71,038	-	-	-
Totals	1,207,686	165,413	177,501	417,467	265
Yukon - Bituminous	1,912	-	-	-	-
Canada:					
Anthracite	-	-	-	-	551,023
Bituminous	6,723,884	2,546,127	2,546,127	1,201,006	15,261,425
Sub-bituminous	2,663,723	671,925	671,925	99	-
Lignite	2,008,147	619,059	619,059	10,735	-
Totals	11,395,754	3,837,111	3,837,111	1,211,840	15,812,448

(1) Direct imports into each province.

(2) Includes Head of Lakes.

... Figures not appropriate or not applicable.

Note: In addition to the above, 10,888 tons of briquettes were imported from the United States.

TABLE 4. Employees, Salaries and Wages in Coal Mines, by Provinces, 1966 and 1967

Province	Number of man-days worked			Average number of employees				Salaries and wages		
	Surface	Under-ground	Total	Salaried em- ployees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
1966	number							dollars		
Nova Scotia	191,720	1,332,390	1,524,110	417	539	4,919	5,875	2,187,834	24,054,263	26,242,097
New Brunswick	155,848	61,174	217,022	62	471	256	789	283,647	2,925,495	3,209,142
Saskatchewan	43,767	-	43,767	29	166	-	195	190,182	863,638	1,053,820
Alberta	158,144	116,513	274,657	157	522	461	1,140	876,135	4,991,613	5,867,748
British Columbia	57,451	80,850	138,301	88	173	298	559	423,507	2,248,918	2,672,425
Yukon	793	1,028	1,821	1	2	3	6	8,500	37,547	46,047
Canada	607,723	1,591,955	2,199,678	754	1,873	5,937	8,564	3,969,805	35,121,474	39,091,279
1967	number							dollars		
Nova Scotia	195,966	1,166,266	1,362,232	414	508	4,781	5,703	2,340,304	25,926,648	28,267,952
New Brunswick	145,073	51,633	196,706	69	430	216	715	287,974	2,967,854	3,255,828
Saskatchewan	39,683	-	39,683	26	140	-	166	176,134	798,717	974,851
Alberta	154,166	110,806	264,972	168	503	425	1,126	1,002,499	5,098,784	6,101,283
British Columbia	61,091	55,901	116,992	94	206	214	514	506,088	2,004,825	2,510,913
Yukon	241	432	673	-	1	2	3	3,000	10,284	13,284
Canada	596,220	1,385,038	1,981,258	771	1,788	5,668	8,227	3,957,866	37,866,622	41,824,488

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

TABLE 5. Supply and Demand of Coal for years 1957-67

No.		1957	1958	1959
		short tons		
	<u>Supply</u>			
	Domestic production:			
1	Bituminous	9,050,742	7,748,289	6,945,459
2	Sub-bituminous	1,889,601	1,685,645	1,733,883
3	Lignite	2,248,812	2,253,176	1,947,380
4	Totals	13,189,155	11,687,110	10,626,722
	Landed imports:			
5	Anthracite	1,897,790	1,494,702	1,456,366
6	Bituminous	18,039,143	11,831,203	12,147,655
7	Totals	19,936,933	13,325,905	13,604,021
8	Total inventory change(1)	+ 1,122,544	- 1,631,013	- 1,066,993
9	Total coal available	32,003,544	26,644,028	25,297,736
	<u>Demand</u>			
	Industrial consumption:			
10	Electric utilities	1,981,877	1,654,936	1,419,122
11	Mining	314,462	352,612	355,095
12	Manufacturing	10,474,492	9,262,639	8,439,373
13	Totals	12,770,831	11,270,187	10,213,590
14	Retail sales	6,891,857	5,908,868	5,611,251
15	Railways for own consumption	4,075,096	2,032,979	1,197,406
16	Ship's bunker for own consumption	494,104	383,241	306,516
17	Government and Institutional consumption	245,000	253,000	295,000
18	Totals	11,706,057	8,578,088	7,410,173
	Coal mine disposition:			
19	Used in colliery boilers, shops, railway	210,451	160,246	124,249
20	Sold to employees	164,490	145,472	141,899
21	Sold direct to domestic consumers (less employees)	774,963	688,562	709,369
22	Total disposition mines	1,149,904	994,280	975,517
	Exports:			
23	United Kingdom	-	-	-
24	United States	350,819	321,744	273,912
25	Japan	29,976	5,240	190,722
26	St. Pierre	15,311	11,393	9,134
27	Other	205	167	-
28	Totals	396,311	338,544	473,768
29	Coal used for manufacture of coke(3)	5,720,325	4,788,958	5,634,781
30	Loss	228,549	60,754	112,751
31	Total reported consumption	31,971,977	26,030,811	24,840,580
32	Unaccounted for	31,567	613,217	457,156
33	Total demand	32,003,544	26,644,028	25,297,736

(1) Includes docks.

(2) Total as reported by industrial consumers.

TABLE 5. Supply and Demand of Coal for years 1957-67

1960	1961	1962	1963	1964	1965	1966	1967	No.
short tons								
7,299,764	6,827,253	6,531,292	7,047,845	7,220,372	6,969,931	6,725,719	6,723,884	1
1,540,577	1,361,600	1,497,171	1,654,293	2,104,912	2,554,752	2,587,685	2,663,723	2
2,170,797	2,208,851	2,256,306	1,873,556	1,994,039	2,063,933	2,078,165	2,008,147	3
11,011,138	10,397,704	10,284,769	10,575,694	11,319,323	11,588,616	11,391,569	11,395,754	4
1,199,809	985,217	851,668	807,375	626,979	623,510	582,308	551,023	5
11,090,245	11,147,232	11,469,709	13,933,073	14,111,563	15,646,223	15,748,406	15,261,425	6
12,290,054	12,132,449	12,321,377	14,740,448	14,738,542	16,269,733	16,330,714	15,812,448	7
- 267,102	- 265,166	- 775,148	+ 363,672	- 65,008	+ 708,298	+ 991,698	+ 629,099	8
23,568,294	22,795,319	23,381,294	24,952,470	26,122,873	27,150,051	26,730,585	26,579,103	9
1,846,149	2,253,398	3,725,005	5,150,179	6,264,520	7,721,714	7,878,780	9,113,373	10
310,579	236,215	195,803	186,739	..	..	..	..	11
7,953,217	7,452,013	6,778,062	6,898,975	7,228,518	..	..	..	12
10,109,945	9,941,626	10,698,870	12,235,893	13,835,963(2)	15,523,982(2)	15,148,302(2)	15,845,571(2)	13
4,615,323	4,026,780	3,540,615	3,087,777	2,627,714	2,062,186	1,733,732	1,349,261	14
655,418	476,752	386,834	324,513	283,418	223,000	211,801	162,537	15
306,494	252,111	246,524	261,369	317,780	343,119	410,222	334,396	16
307,000	320,000	279,000	231,000	203,000	183,000	169,000	176,000	17
5,884,235	5,075,643	4,452,973	3,904,659	3,431,912	2,811,305	2,524,755	2,022,194	18
102,219	66,589	47,262	52,257	53,222	50,289	46,829	38,653	19
122,230	125,329	124,038	117,189	119,214	118,147	102,176	99,079	20
635,740	697,554	654,480	615,187	618,003	633,375	518,610	459,451	21
860,189	889,472	825,780	784,633	790,439	801,811	667,615	597,183	22
6,632	-	50	-	-	-	58	-	23
241,892	249,504	250,328	274,759	303,028	198,020	167,148	169,361	24
604,397	685,263	639,040	772,470	984,846	1,023,134	1,059,502	1,167,055	25
-	4,569	4,501	7,138	3,790	4,825	2,097	1,929	26
-	-	-	-	-	15	15	8	27
852,921	939,336	893,919	1,054,367	1,291,664	1,225,994	1,228,820	1,338,353	28
5,288,217	5,330,542	5,452,320	5,842,253	6,023,035	6,058,470	6,044,289	5,987,575	29
234,781	62,411	68,738	123,743	100,012	88,574	211,696	254,420	30
23,230,288	22,239,030	22,392,600	23,945,548	25,473,025	26,510,136	25,825,477	26,045,296	31
338,006	556,289	988,694	1,006,922	649,848	639,915	905,108	533,807	32
23,568,294	22,795,319	23,381,294	24,952,470	26,122,873	27,150,051	26,730,585	26,579,103	33

(3) Charged to ovens plus incidental coke plant consumption.

.. Figures not available.

2. Fuel Used to Generate Electricity, 1967

Preliminary data indicate that thermal generation of electric energy by public and private utilities amounted to 28,526,549 thousand kwh. in 1967 compared with 24,129,941 thousand kwh. in 1966, an increase of 18.2%. Coal was used to generate 65% of the energy with natural gas and petroleum fuels accounting for 19% and 16% respectively.

The quantity of coal used to generate electricity increased by 16% to 9,113,373 in 1967 from 7,878,780 tons in 1966 accounting for approximately 35% of the total coal consumption in Canada. During the same period, the amount of petroleum fuels used for electric energy generation increased by 45% while the amount of natural gas used increased by 5%.

Utilities spent \$96,958,417 on fuel compared with \$80,228,270 in 1966. Coal accounted for 61% of the cost followed by petroleum fuels and natural gas with 25% and 14% respectively.

Fuel Used to Generate Electricity, 1967

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated:				
	Quantity of fuel:				
	Coal:				
1	Bituminous - Canadian short ton	1,892,913	-	-	834,545
2	Imported "	4,138,251	-	-	-
3	Sub-bituminous "	1,953,395	-	-	-
4	Saskatchewan lignite "	1,128,814	-	-	-
5	Other "	-	-	-	-
6	Total coal short ton	9,113,373	-	-	834,545 (1)
	Petroleum fuels:				
7	Furnace fuel oil - Light Imp. gallon	11,630,651	-	-	449,622 (1)
8	Heavy "	255,859,294	8,761,349	14,820,191	29,654,585
9	Diesel fuel oil "	31,549,620	5,034,515	74,332	997,987
10	Other "	1,470,191	-	-	-
11	Total petroleum fuels "	300,509,756	13,795,864	14,894,523	31,102,194
	Gas:				
12	Natural M. cu. ft.	67,553,314	-	-	-
13	Manufactured "	-	-	-	-
14	Total gas M. cu. ft.	67,553,314	-	-	-
15	Other fuels - Propane "	218	-	-	-
	Cost of fuel:				
	Coal:				
16	Bituminous - Canadian \$	16,348,721	-	-	7,633,539
17	Imported \$	37,392,281	-	-	-
18	Sub-bituminous \$	3,430,940	-	-	-
19	Saskatchewan lignite \$	2,003,667	-	-	-
20	Other \$	-	-	-	-
21	Total coal \$	59,175,609	-	-	7,633,539 (1)
	Petroleum fuels:				
22	Furnace fuel oil - Light \$	1,134,413	-	-	58,974 (1)
23	Heavy \$	17,164,076	590,860	979,481	1,821,984
24	Diesel fuel oil \$	5,776,461	924,214	10,369	184,582
25	Other \$	22,273	-	-	-
26	Total petroleum fuels \$	24,097,223	1,515,074	989,850	2,065,540
	Gas:				
27	Natural \$	13,685,141	-	-	-
28	Manufactured \$	-	-	-	-
29	Total gas \$	13,685,141	-	-	-
30	Other fuels - Propane \$	444	-	-	-
31	Total all fuels \$	96,958,417	1,515,074	989,850	9,699,079
32	Per cent of total for Canada	100.00	1.56	1.02	10.00

See footnotes at end of table.

Fuel Used to Generate Electricity, 1967

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	No.
303,387	-	751,303	100	-	3,578	-	-	-	1
-	-	4,138,251	-	-	-	-	-	-	2
-	-	-	-	383,734	1,569,661	-	-	-	3
-	-	-	41,573	1,087,241	-	-	-	-	4
-	-	-	-	-	-	-	-	-	5
303,387(1)	-	4,889,554(1)	41,673(1)	1,470,975	1,573,239	-	-	-	6
501,020(1)	892,510	5,159,937(1)	370,808(1)	3,863,293	299,678	93,783	-	-	7
76,820,207	65,768,045	-	-	10,861,062	2,954,705	40,650,223	-	2,568,927	8
682,658	3,828,211	3,518,503(2)	5,283,355	333,185	2,465,232	7,900,492	148,814	1,282,336	9
-	-	-	18,760(7)	-	-	1,451,431(8)	-	-	10
78,003,885	70,488,766	8,678,440	5,672,923	15,057,540	5,719,615	50,095,929	148,814	3,851,263	11
-	-	321,949(2)	65,160	13,835,603	34,838,683	18,491,919	-	-	12
-	-	-	-	-	-	-	-	-	13
-	-	321,949	65,160	13,835,603	34,838,683	18,491,919	-	-	14
-	-	-	-	-	-	218	-	-	15
2,501,697	-	6,199,462	1,500	-	12,523	-	-	-	16
-	-	37,392,281	-	-	-	-	-	-	17
-	-	-	-	1,532,580	1,898,360	-	-	-	18
-	-	-	168,734	1,834,933	-	-	-	-	19
-	-	-	-	-	-	-	-	-	20
2,501,697(1)	-	43,591,743(1)	170,234(1)	3,367,513	1,910,883	-	-	-	21
80,425(1)	89,250	638,364(1)	48,433(1)	185,562	17,199	16,206	-	-	22
4,607,698	5,049,388	-	-	531,723	119,469	3,028,523	-	434,950	23
86,230	606,003	645,244(2)	851,294	55,133	405,918	1,545,201	45,295	416,978	24
-	-	-	3,752(7)	-	-	18,521(8)	-	-	25
4,774,353	5,744,641	1,283,608	903,479	772,418	542,586	4,608,451	45,295	851,928	26
-	-	139,244(2)	20,437	2,663,765	5,834,098	5,027,597	-	-	27
-	-	-	-	-	-	-	-	-	28
-	-	139,244	20,437	2,663,765	5,834,098	5,027,597	-	-	29
-	-	-	-	-	-	444	-	-	30
7,276,050	5,744,641	45,014,595	1,094,150	6,803,696	8,287,567	9,636,492	45,295	851,928	31
7.50	5.92	46.43	1.13	7.02	8.55	9.94	0.05	0.88	32

Fuel Used to Generate Electricity, 1967 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and pri- vately-operated - Concluded:				
	Average B.t.u. content of fuel:				
	Coal:				
1	Bituminous - Canadian per pound	11,931	-	-	10,711
2	Imported "	13,295	-	-	-
3	Sub-bituminous "	8,166	-	-	-
4	Saskatchewan lignite "	6,620	-	-	-
5	Other "	-	-	-	-
	Petroleum fuels:				
6	Furnace fuel oil - Light per Imp. gal.	168,340	-	-	166,827
7	Heavy "	179,652	180,243	182,485	177,800
8	Diesel fuel oil "	164,423	165,477	172,200	163,813
9	Other "	163,943	-	-	-
	Gas:				
10	Natural per stand. cu. ft.(3)	1,019	-	-	-
11	Manufactured "	-	-	-	-
12	Other fuels - Propane per stand. cu. ft.(3)	2,536	-	-	-
	Energy generated:(4)				
	By coal:				
13	Bituminous - Canadian '000 kwh.	4,017,313	-	-	1,570,385
14	Imported "	11,013,194	-	-	-
15	Sub-bituminous "	2,601,985	-	-	-
16	Saskatchewan lignite "	996,619	-	-	-
17	Other "	-	-	-	-
18	Total coal '000 kwh.	18,629,111	-	-	1,570,385(1)
	By petroleum fuels:				
19	Furnace fuel oil - Light "	65,941	-	-	1,185(1)
20	Heavy "	3,925,570	106,194	181,326	441,354
21	Diesel fuel oil "	421,999	56,289	285	15,891
22	Other "	1,268	-	-	-
23	Total petroleum fuels "	4,414,778	162,483	181,611	458,430
	By Gas:				
24	Natural "	5,405,551	-	-	-
25	Manufactured "	-	-	-	-
26	Total gas '000 kwh.	5,405,551	-	-	-
27	By other fuels "	77,109	-	-	-
28	Total all fuels "	28,526,549	162,483	181,611	2,028,815
29	Per cent of total for Canada	100.00	0.57	0.64	7.11

- (1) Fuel oil used in coal-fired stations for initial steam-raising: no resulting generation (356,058 Imp. gals. in Nova Scotia, 501,020 Imp. gals. in New Brunswick, 2,331,376 Imp. gals. in Ontario and 370,808 Imp. gals. in Manitoba.)
- (2) Fuel oil used in gas-fired station as pilot - 238,960 Imp. gals.
- (3) Standard Cubic Foot - 760 mm. Mercury 60° F.
- (4) Net generation after deducting station service.

Fuel Used to Generate Electricity, 1967 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	No.
11,900	-	13,308	13,500	-	10,000	-	-	-	1
-	-	13,295	-	-	-	-	-	-	2
-	-	-	-	8,600	8,060	-	-	-	3
-	-	-	7,156	6,600	-	-	-	-	4
-	-	-	-	-	-	-	-	-	5
167,000	169,300	160,127	166,919	180,000	162,830	169,000	-	-	6
184,198	180,940	-	-	180,133	182,223	182,621	-	171,620	7
165,829	164,116	163,988	164,318	169,762	163,151	164,000	166,160	165,606	8
-	-	-	150,000(7)	-	-	164,124(8)	-	-	9
-	-	1,019	1,030	954	1,029	1,051	-	-	10
-	-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	2,536	-	-	12
563,959	-	1,880,082	85	-	2,802	-	-	-	13
-	-	11,013,194	-	-	-	-	-	-	14
-	-	-	-	447,411	2,154,574	-	-	-	15
-	-	-	25,427	971,192	-	-	-	-	16
-	-	-	-	-	-	-	-	-	17
563,959(1)	-	12,893,276(1)	25,512(1)	1,418,603	2,157,376	-	-	-	18
- (1)	13,793	23,425(1)	- 98(1)	18,061	8,328	1,247	-	-	19
1,221,444	1,086,034	-	-	126,534	46,410	698,094	-	18,180	20
8,030	48,193	46,052(2)	54,125	4,776	37,977	130,737	1,827	17,817	21
-	-	-	80(7)	-	-	1,188(8)	-	-	22
1,229,474	1,148,020	69,477	54,107	149,371	92,715	831,266	1,827	35,997	23
-	-	26,180(2)	3,804	930,087	2,597,777	1,847,703	-	-	24
-	-	-	-	-	-	-	-	-	25
-	-	26,180	3,804	930,087	2,597,777	1,847,703	-	-	26
-	-	77,056(5)	-	-	-	53(6)	-	-	27
1,793,433	1,148,020	13,065,989	83,423	2,498,061	4,847,868	2,679,022	1,827	35,997	28
6.29	4.02	45.80	0.29	8.76	16.99	9.39	0.01	0.13	29

- (5) Nuclear.
(6) Propane.
(7) Jet Fuel.
(8) Crude Oil.

Catalogue No. 57-002

July 29, 1968

Vol. 3 No. 29

CONTENTS

	Page
1. Refined Petroleum Products, April 1968	1
2. Sales of Natural Gas, May 1968	4

1. Refined Petroleum Products.

Production of refined petroleum products increased 17.5% in April to 33,933,329 barrels from 28,869,917 in the same month last year, according to an advance release of data that will be contained in the April issue of the DBS report "Refined Petroleum Products." catalogue No. 45-004.

Receipts of crude oil increased 18.1% in April to 34,333,807 barrels from 29,075,796 a year earlier. There was 12.9% more domestic crude at 19,364,738 barrels versus 17,156,177 and, 25.6% more imported crude at 14,969,069 barrels versus 11,919,619. Domestic disappearance of finished petroleum products increased 7.1% to 36,465,611 barrels from 34,050,932 in the same month last year.

Sales of petroleum products in April increased 6.4% from last year. Sales for the first four months of 1968 are up 8.1% over the same period in 1967. A similar increase of 8.1% was noted for the first four months of 1967 over the previous year.

Inventories of all products were 74.2 million barrels at the end of April 1968; an increase of 2.8 million barrels over April 1967 and 4.0 million barrels over April 1966.

6503-521

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, April 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland	29,211	19,445	-	44,312	154,336	259,161
Maritimes	693,884	172,207	172,781	649,444	557,166	2,801,054
Quebec	3,463,207	539,595	908,742	2,126,734	3,191,380	11,499,422
Ontario	3,820,115	202,110	1,093,158	1,985,917	1,767,141	10,595,439
Manitoba	506,756	40,162	267,727	46,816	87,293	1,165,348
Saskatchewan	715,150	111,791	348,071	45,597	84,702	1,532,710
Alberta	1,366,026	15,192	695,542	74,457	169,696	2,694,659
British Columbia	1,122,624	207,546	750,789	194,069	376,034	3,322,892
North West Territories and Yukon	135	-	25,532	337	7,552	62,644
Canada totals	11,717,108	1,308,048	4,262,342	5,167,683	6,395,300	33,933,329

(1) Included with Maritimes. (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, April 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	43,370	288,482	344,297	353,677	428,983	1,550,395
Quebec	426,937	53,325	192,104	203,438	2,452,886	3,896,102
Ontario	-	-	-	124,424	180,528	549,203
All other	443	204	569	-	623,395	660,934
Canada totals	470,750	342,011	536,970	681,539	3,685,792	6,656,634

EXPORTS Of Selected Petroleum Products, April 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	6,200	-	33,285	40,651
Ontario	36,319	4,745	-	17,889	386	93,521
Alberta	-	-	-	-	2,292	2,292
British Columbia	39,386	-	55,216	14,502	-	210,987
Canada totals	75,705	4,745	61,416	32,391	35,963	347,451

NET SALES In Canada Of Selected Petroleum Products, April 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
Barrels of 35 Canadians gallons								
Newfoundland	128,415	115,901	235,153	182,446	251,302	960,239	3,867,227	3,685,379
Maritimes	666,309	242,531	297,601	671,709	1,064,282	3,092,278	15,071,673	13,115,422
Quebec	2,677,033	302,528	522,161	2,021,903	3,569,565	10,356,336	49,429,774	44,807,819
Ontario	4,437,158	153,295	759,813	2,419,806	1,909,028	11,041,280	53,924,238	50,625,359
Manitoba	585,471	82,569	213,031	132,329	52,289	1,209,758	5,225,300	4,926,114
Saskatchewan	726,464	63,777	300,008	94,638	16,433	1,316,886	5,479,830	5,043,218
Alberta	1,147,357	30,146	439,449	50,204	18,288	1,909,832	7,496,621	7,006,796
British Columbia	1,147,087	174,448	489,502	437,681	1,095,201	3,669,937	14,845,107	14,576,004
North West Territories and Yukon	12,390	4,252	13,664	17,768	- 986	65,997	300,496	232,831
Canada Totals	11,527,684	1,169,447	3,270,382	6,028,484	7,975,402	33,622,543	-	-
Canada cumulative 1968	43,269,570	9,437,131	12,023,690	47,067,308	31,067,088	-	155,640,266	-
Canada cumulative 1967	39,398,411	9,219,139	11,398,584	43,045,094	28,380,642	-	-	144,018,942

2. Sales of Natural Gas May 1968

Total sales of natural gas to Canadian consumers by distributors for May 1968 were 58,324,056 Mcf. This was an increase of 4.0% over the same month last year. Revenue from sales was \$36,003,827.

Sales to residential customers accounted for 24.2%, to industrial customers 59.2%, and to commercial customers 16.6%.

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	125	1,881	3,499	11,988
Quebec	93,306	201,170	459,798	1,206,799
Ontario	549,917	683,263	6,022,220	7,454,129
Manitoba	99,544	102,064	1,145,405	1,011,052
Saskatchewan	112,651	117,941	1,482,956	1,197,778
Alberta	250,733	252,713	3,364,041	1,960,689
British Columbia	170,862	190,219	1,655,383	2,456,605
Canada	1,277,138	1,549,251	14,133,302	15,299,040
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,239	2,239	2,546,332	1,216,465
Ontario	7,432	7,432	13,548,100	7,243,513
Manitoba	285	285	1,115,565	436,928
Saskatchewan	598	598	4,148,263	998,242
Alberta	637	637	8,531,020	1,598,229
British Columbia	293	293	4,640,817	1,923,860
Canada	11,484	11,484	34,530,097	13,417,237
Firm	10,334	10,334	21,683,501	9,163,886
Interruptible	1,150	1,150	12,846,596	4,253,351
Commercial:				
New Brunswick	60	60	1,751	3,710
Quebec	10,224	10,224	347,595	452,780
Ontario	60,946	60,946	3,872,045	3,485,659
Manitoba	9,138	9,138	860,078	593,054
Saskatchewan	16,130	16,130	706,651	429,322
Alberta	28,513	28,513	2,830,446	1,116,273
British Columbia	24,534	24,534	1,042,091	1,206,732
Canada	149,545	149,545	9,660,657	7,287,550
Total sales:				
New Brunswick	1,941	1,941	5,250	15,698
Quebec	213,633	213,633	3,353,725	2,876,044
Ontario	751,641	751,641	23,442,365	18,183,301
Manitoba	111,487	111,487	3,121,048	2,041,034
Saskatchewan	134,669	134,669	6,337,870	2,625,342
Alberta	281,863	281,863	14,725,507	4,675,211
British Columbia	215,046	215,046	7,338,291	5,587,197
Canada	1,710,280	1,710,280	58,324,056	36,003,827
Total exports			47,994,970	12,904,221
Total imports			7,772,717	3,523,846

Catalogue No. 57-002
Vol. 3 No. 30

July 31, 1968.

CONTENTS

	Page
1. Coal and Coke Statistics, May 1968	1
2. Preliminary(1) Report on Coal Production, June 1968	3

1. Coal and Coke Statistics, May 1968-Cat. No. 45-002

Coal production for the month of May 1968 amounted to 918,413 tons an increase of 6.1% from the May 1967 production of 865,269 tons, while landed imports were 2,266,463 tons compared with 2,195,956 tons for the month of May 1967. Consumption by industrial consumers amounted to 1,234,003 tons of coal and 527,268 of coke, an increase of 172,871 tons of coal and an increase of 76,366 tons of coke from last year.

Industrial consumers' stocks of coal and coke rose to 4,723,625 tons from 4,329,823 tons in May 1967.

Coke production during the month of May 1968, increased to 493,419 tons from 393,029 tons in May 1967, while coke used in blast furnaces increased to 391,698 tons from 313,956 tons during the same period.

6503-521

Coal and Coke Statistics

May 1968

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	274,885	51,024	282,296	47,864	14,041	45,738	-
New Brunswick	63,216	291	62,921	35,645	63,699	-	-
Quebec	-	79,436	-	106,828	226,764	44,866	108,359
Ontario	-	2,135,282	-	659,675	3,884,750	409,796	88,747
Manitoba	-	96	-	38,964	101,485	139	794
Saskatchewan	152,654	210	152,712	120,479	164,993	-	-
Alberta	329,104	-	317,603	214,365	24,880	317	185
British Columbia and Yukon	98,554	124	92,247	10,183	10,960	26,412	33,968
Total Canada 1968	918,413	2,266,463	907,779	1,234,003	4,491,572	527,268	232,053
Total Canada 1967	865,269	2,195,956	831,437	1,061,132	4,078,166	450,902	251,657

2. Preliminary(1) Report on Coal Production

June 1968

Preliminary coal production for the month of June amounted to 784,723 tons a decrease of 1.2% from the June 1967 preliminary production of 794,443 tons. Landed imports were 1,788,173 tons compared with 2,135,008 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
	net tons of 2,000 pounds			
<u>June</u>				
Newfoundland	-	-	-	-
Nova Scotia	364,081	94,597	238,413	72,994
New Brunswick	66,531	150	56,190	17
Quebec	-	96,299	-	72,290
Ontario	-	1,943,628	-	1,642,120
Manitoba	-	58	-	554
Saskatchewan	108,057	245	127,479	115
Alberta - Bituminous	80,939	-	69,457	-
Sub-bituminous	70,040	-	199,341	-
British Columbia and Yukon ..	104,795	31	93,843	83
Canada totals	794,443	2,135,008	784,723	1,788,173
<u>Six months ended June</u>				
Newfoundland	-	9,080	-	5,874
Nova Scotia	2,038,263	162,957	1,675,771	296,479
New Brunswick	395,340	407	364,276	449
Quebec	-	312,724	-	247,036
Ontario	-	5,566,395 ^r	-	5,516,902
Manitoba	-	1,773	-	953
Saskatchewan	1,046,301	649	1,238,951	1,338
Alberta - Bituminous	457,016	-	488,561	-
Sub-bituminous	1,242,865	-	1,395,386	-
British Columbia and Yukon ..	484,613	301	492,221	207
Canada totals	5,664,398	6,054,286 ^r	5,655,166	6,069,238

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

(2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(3) All figures are preliminary.

^r Revised figures.

Catalogue No. 57-002

August 8, 1968

Vol. 3 No. 31

CONTENTS

	Page
1. Oil Pipeline Transport, March, 1968	1
2. Preliminary Electric Energy Statistics, June 1968	2

1. Oil Pipeline Transport, March 1968, Catalogue No. 55-001

Oil movements by Canadian oil pipelines increased by 16.6% in March 1968 with receipts of 55,491,792 barrels compared with 47,608,448 in the preceding year; import receipts increased by 17.1%.

Total traffic amounted to 24,316 million barrel miles with an average length of haul of 448.4 miles.

6503-521

Oil Pipeline Transport, March 1968

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G. 'S.	Total March 1968	Total March 1967	% of increase or decrease over 1967
	barrels 35 Canadian gallons				
<u>Net receipts</u>					
Domestic	34,961,373	8,633,459	43,594,832	37,449,649	16.4
Imports	11,851,379	45,581	11,896,960	10,158,799	17.1
Total net receipts	46,812,752	8,679,040	55,491,792	47,608,448	16.6
<u>Net deliveries</u>					
Domestic	31,732,010	8,202,619	39,934,629	36,711,008	8.8
Exports	13,964,313	329,902	14,294,215	11,552,980	23.7
Total net deliveries	45,696,323	8,532,521	54,228,844	48,263,988	12.4
Inventory change	1,111,328	135,947	1,247,275	- 718,909	-

2. Preliminary Electric Energy Statistics, June 1968

Catalogue No. 57-001

Net generation of electric energy increased 4.7% to 13,294,471 thousand Kwh. in June 1968 from 12,702,027 thousand Kwh. in June 1967. Hydro generation decreased 2.7% while output from thermal plants was up 48%. Quebec, Ontario and the Prairie provinces all had decreases in hydro generation during the month.

Imports, exports and secondary energy consumption were all down sharply. Firm energy consumption increased 5.7% from 12,547,582 thousand Kwh. in June 1967 to 13,258,535 thousand Kwh. in June 1968.

Total net generation for the 12 month period ending June 30, 1968 amounted to 169,258,081 thousand Kwh.

Preliminary Electric Energy Statistics

(thousand Kwh)

	June		
	1966	1967	1968
Net generation - Hydro	10,529,741 ^r	10,849,620 ^r	10,553,374
Thermal	1,705,686 ^r	1,852,407 ^r	2,741,097
Total net generation	12,235,427 ^r	12,702,027 ^r	13,294,471
Energy imported from U.S.A.	223,435	328,583	253,975
Energy exported to U.S.A.:			
Firm	48,944	50,135	58,561
Secondary	300,696	291,239	139,059
Total exported to U.S.A.	349,640	341,374	197,620
Net energy used in Canada	12,109,222 ^r	12,689,236 ^r	13,350,826
Secondary energy used in Canada	246,315 ^r	141,654 ^r	92,291
Firm energy used in Canada	11,862,907 ^r	12,547,582 ^r	13,258,535

^r Revised figures.



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002
Vol. 3 No. 32

August 23, 1968.

CONTENTS

	Page
1. Sales of Natural Gas, June 1968	2
2. Refined Petroleum Products, May 1968	3

1. Sales of Natural Gas June 1968 Catalogue No. 55-002

Total sales of natural gas to Canadian consumers by distributors for June 1968 were 47,543,499 mcf. This was an increase of 13.7% over the same month last year. Revenue from sales was \$27,985,678.

Sales to residential customers accounted for 16.9% to industrial customers 68.8% and to commercial customers 14.3%.

6503-521



Sales of Natural Gas(1)

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	1,847	3,223	11,145
Quebec	198,932	625,364	1,335,059
Ontario	679,909	4,033,132	5,175,257
Manitoba	101,762	599,274	600,809
Saskatchewan	116,932	869,296	841,472
Alberta	261,213	1,206,509	1,044,222
British Columbia	190,297	692,979	1,564,892
Canada	1,549,892	8,029,777	10,572,856
Industrial:				
New Brunswick	-	-	-
Quebec	2,225	2,243,038	1,279,472
Ontario	7,414	13,947,447	6,667,427
Manitoba	288	967,517	283,184
Saskatchewan	603	3,856,886	929,410
Alberta	522	7,812,131	1,457,288
British Columbia	293	3,881,943	1,603,948
Canada	11,345	32,708,962	12,220,729
Firm
Interruptible
Commercial:				
New Brunswick	66	1,420	3,126
Quebec	10,241	297,539	386,749
Ontario	60,619	2,390,317	2,327,597
Manitoba	9,803	476,959	360,893
Saskatchewan	15,680	482,618	302,129
Alberta	21,165	2,485,081	1,022,945
British Columbia	24,467	670,826	788,654
Canada	142,041	6,804,760	5,192,093
Total sales:				
New Brunswick	1,913	4,643	14,271
Quebec	211,398	3,165,941	3,001,280
Ontario	747,942	20,370,896	14,170,281
Manitoba	111,853	2,043,750	1,244,886
Saskatchewan	123,215	5,208,800	2,073,011
Alberta	281,900	11,503,721	3,524,455
British Columbia	215,057	5,245,748	3,957,494
Canada	1,703,278	47,543,499	27,985,678
Total exports	46,299,979	12,694,934
Total imports	9,006,937	3,656,269

(1) Contains estimates.

.. Figures not available.

Refined Petroleum Products.

Production of refined petroleum products increased .9% in May to 30,605,645 barrels from 30,338,940 in the same month last year, according to an advance release of data that will be contained in the May issue of the DBS report "Refined Petroleum Products." Catalogue No. 45-004.

Receipts of crude oil increased 6.5% in May to 32,900,920 barrels from 30,886,225 a year earlier. There was 4.1% more domestic crude at 19,680,031 barrels versus 18,912,898 and, 4.2% more imported crude at 13,220,889 barrels versus 11,973,327. Domestic disappearance of finished petroleum products increased 2.5% to 39,107,039 barrels from 38,146,135 in the same month last year.

Sales of petroleum products in May increased 2.3% from last year. Sales for the first five months of 1968 are up 6.9% over the same period in 1967. A similar increase of 9% was noted for the first five months of 1967 over the previous year.

Inventories of all products were 73.9 million barrels at the end of May 1968; an increase of 3.3 million barrels over May 1967 and 3.7 million barrels over May 1966.

Refinery Production in Canada of Selected Petroleum Products, May 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
			barrels of 35 Canadians gallons					
Newfoundland	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)
Maritimes	506,605	60,427	-	688,802	598,888	2,050,507	14,174,274	15,924,489
Quebec	2,996,725	357,711	897,961	1,548,883	1,984,751	8,785,757	56,018,043	47,886,763
Ontario	3,635,895	316,330	891,118	1,547,729	1,491,014	9,875,446	50,783,291	46,812,220
Manitoba	430,653	30,389	257,664	63,863	99,441	1,090,105	6,312,588	5,859,229
Saskatchewan	868,933	125,452	467,804	100,371	115,925	2,018,053	9,303,314	9,458,798
Alberta	1,595,009	32,689	870,528	78,940	136,521	3,332,028	14,903,045	14,584,537
British Columbia	1,317,298	203,380	680,177	110,390	394,271	3,408,980	16,996,110	15,526,509
North West Territories and Yukon	- 315	-	11,389	1,859	7,974	44,769	298,213	276,257
Canada Totals	11,350,803	1,126,378	4,076,641	4,140,837	4,828,785	30,605,645	-	-
Canada cumulative 1968 ...	59,981,380	8,860,783	19,076,483	28,159,691	31,644,246	-	168,788,878	-
Canada cumulative 1967 ...	55,051,102	8,888,557	17,443,790	25,348,136	28,126,961	-	-	156,328,802

(1) Included with Maritimes.
(2) Included with Quebec.

IMPORTS Into Canada of Selected Petroleum Products, May 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Atlantic Provinces	6,512	164,998	865,485	700,993	813,670	2,687,615
Quebec	485,894	154,660	421,173	362,273	1,994,963	4,053,203
Ontario	-	-	-	119,055	94,605	570,435
All other	1,115	317	1,016	-	315,050	359,387
Canada totals	493,521	319,975	1,287,674	1,182,321	3,218,288	7,670,640

: 4 :

EXPORTS of Selected Petroleum Products, May 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Atlantic Provinces	-	-	-	-	-	-
Quebec	-	-	-	-	-	2,643
Ontario	14	4,024	-	22,817	21,451	92,622
All other	53,451	6	43,156	14,431	2,982	219,128
Canada totals	53,465	4,030	43,156	37,248	24,433	314,393

NET SALES in Canada of Selected Petroleum Products, May 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products	Total All Products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadian gallons								
Newfoundland	190,643	105,573	184,145	163,041	272,111	1,002,867	4,870,094	4,645,900
Maritimes	847,745	199,944	354,807	485,672	1,417,908	3,589,975	18,661,648	16,307,445
Quebec	3,319,501	194,307	689,626	1,516,192	4,008,034	11,270,903	60,700,677	55,909,595
Ontario	4,915,037	128,524	836,677	1,875,644	2,180,018	11,484,550	65,408,788	62,519,202
Manitoba	653,068	42,813	299,582	86,918	45,599	1,289,433	6,514,733	6,282,459
Saskatchewan	906,629	40,940	490,963	59,876	22,802	1,732,097	7,211,927	6,865,033
Alberta	1,526,931	29,150	698,078	37,380	38,718	2,726,032	10,222,653	9,233,582
British Columbia	1,262,452	115,846	596,849	304,726	663,279	3,397,756	18,242,863	17,739,159
North West Territories and Yukon	12,837	3,602	14,691	15,539	483	72,875	373,371	286,817
Canada Totals	13,634,843	860,699	4,165,418	4,544,988	8,648,952	36,566,488	-	-
Canada cumulative 1968 ..	56,904,413	10,297,830	16,189,108	51,612,296	39,716,040	-	192,206,754	-
Canada cumulative 1967 ..	51,967,960	10,277,138	15,282,240	48,604,850	36,434,490	-	-	179,789,192

Catalogue No. 57-002
Vol. 3, No. 33

August 23, 1968.

Refined Petroleum Products Year 1967

Production of refined petroleum products amounted to 390,123,366 barrels in the year 1967. This represents an increase of 2.6% over 1966 during which the production was 380,121,691.

The net sales of refined petroleum products show a 6.9% increase during the same year as compared to 1966. 1967 sales were 431,317,107 barrels compared to 403,615,559 barrels in 1966.

Detailed data will be contained in the annual issue of the DBS publication No. 45-204 "Refined Petroleum Products".

6503-521

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, Year 1967^r

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products 1966
			Diesel	Light	Heavy		
Barrels of 35 Canadian gallons							
Newfoundland	(1)	(1)	-	(1)	(1)	(1)	(1)
Maritimes	11,794,389	3,532,842	(2)	8,432,438	9,163,672	39,859,577	39,833,556
Quebec	37,980,588	6,491,817	13,001,207	24,400,856	27,907,658	123,053,131	117,145,930
Ontario	42,817,843	4,069,938	8,394,184	19,980,339	20,879,895	114,629,169	114,819,708
Manitoba	6,118,545	460,087	2,685,756	1,363,040	1,274,104	14,675,261	14,685,146
Saskatchewan	10,382,291	1,431,026	3,816,078	2,639,912	1,643,515	22,904,599	22,827,058
Alberta	16,791,307	342,025	7,065,165	3,146,747	1,955,607	36,546,000	35,002,523
British Columbia	14,561,433	2,219,133	9,538,160	1,410,977	4,544,717	37,760,715	35,097,053
North West Territories and Yukon	34,716	89	138,716	111,436	170,788	694,914	710,717
Canada Totals	140,481,112	18,546,957	44,639,266	61,485,745	67,539,956	390,123,366	380,121,691
Canada cumulative 1966	135,843,762	18,096,061	43,758,743	64,365,230	64,413,445	380,121,691	-

11) Included with Maritime

(1) Included with Maritimes.

(2) Included with Quebec.

^r Revised figures.

NET SALES In Canada Of Selected Petroleum Products, Year 1967^r

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products 1966
			Diesel	Light	Heavy		
Barrels of 35 Canadian gallons							
Newfoundland	1,823,427	1,307,380	2,315,328	1,873,499	2,960,425	11,152,492	10,222,167
Maritimes	8,929,958	3,068,366	3,410,108	8,089,028	12,087,325	38,636,623	34,418,983
Quebec	35,031,108	6,384,925	7,818,812	29,608,794	39,338,718	134,757,187	123,540,641
Ontario	52,435,881	3,509,124	8,151,119	35,653,417	24,923,189	143,720,249	136,264,456
Manitoba	7,044,844	1,098,575	2,731,174	1,947,633	915,398	15,759,154	15,365,407
Saskatchewan	9,495,118	1,366,901	3,825,017	1,584,040	670,569	18,562,375	18,647,581
Alberta	14,188,597	480,595	5,527,875	946,436	697,235	25,647,272	24,994,587
British Columbia	14,026,889	1,717,281	6,695,122	4,845,121	10,244,257	41,955,915	38,971,653
North West Territories and Yukon	172,502	68,470	373,831	209,881	102,985	1,125,842	1,190,084
Canada Totals	143,148,324	19,001,617	40,848,386	84,757,849	91,940,101	431,317,109	403,615,559
Canada 1966	136,143,778	18,711,047	38,813,276	79,194,077	82,384,690	403,615,559	-

Revised figures

^r Revised figures.

IMPORTS Into Canada Of Selected Petroleum Products, Year 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products 1967	Total all products 1966
			Diesel	Light	Heavy		
	Barrels of 35 Canadian gallons						
Atlantic Provinces ..	845,303	822,251	2,709,315	3,888,058	6,729,569	16,531,440	13,234,479
Quebec	2,820,314	1,499,707	3,211,331	3,968,020	19,370,598	36,200,967	31,918,848
Ontario	549,801	290,416	393,024	1,618,844	3,552,111	9,079,058	8,268,312
All other	16,714	13,219	134,450	258,071	5,592,365	6,393,133	6,235,126
Canada totals	4,232,132	2,625,593	6,448,120	9,732,993	35,244,643	68,204,598	59,656,765

EXPORTS Of Selected Petroleum Products, Year 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products 1967	Total all products 1966
			Diesel	Light	Heavy		
	Barrels of 35 Canadian gallons						
Atlantic Provinces ..	-	-	16,155	-	-	16,155	241,410
Quebec	-	-	21,598	-	102,650	220,389	129,403
Ontario	59,123	27,925	-	472,141	125,186	1,209,820	1,140,925
All other	672,936	102,516	392,387	158,487	45,980	1,581,432	1,144,322
Canada totals	732,059	130,441	430,140	630,628	273,816	3,027,796	2,656,060

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August 28, 1968

CONTENTS

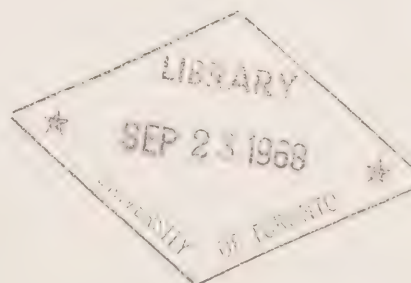
	Page
1. Coal and Coke Statistics, June 1968	1
2. Oil Pipeline Transport, April 1968	3

1. Coal and Coke Statistics, June 1968, Cat. No. 45-002

Coal production for the month of June 1968 amounted to 798,074 tons a decrease of 3.7% from the June 1967 production of 828,759 tons, while landed imports were 1,788,173 tons compared with 2,135,008 tons for the month of June 1967. Consumption by industrial consumers amounted to 1,177,974 tons of coal and 500,092 of coke, an increase of 266,178 tons of coal and an increase of 67,876 tons of coke from last year.

Industrial consumers' stocks of coal and coke rose to 5,166,804 tons from 5,101,749 tons in June 1967.

Coke production during the month of June 1968, increased to 466,871 tons from 366,994 tons in June 1967, while coke used in blast furnaces increased to 360,892 tons from 282,668 tons during the same period.



6503-521

Coal and Coke Statistics

June 1968

	Coal					Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers	
				tons				
Newfoundland	-	-	-	-	-	-	-	
Prince Edward Island	-	-	-	-	-	-	-	
Nova Scotia	240,711	72,994	268,009	64,195	13,675	35,500	-	
New Brunswick	58,549	17	56,151	47,871	60,156	-	-	
Quebec	-	72,290	-	98,399	253,080	55,535	136,836	
Ontario	-	1,642,120	-	637,990	4,268,148	383,011	96,850	
Manitoba	-	554	-	25,795	111,311	109	758	
Saskatchewan	127,479	115	127,898	106,868	159,429	-	-	
Alberta	277,481	-	258,797	188,804	26,601	291	170	
British Columbia and Yukon	93,854	83	61,879	8,052	11,274	25,646	28,516	
Total Canada 1968	798,074	1,788,173	772,734	1,177,974	4,903,674	500,092	263,130	
Total Canada 1967	828,759	2,135,008	798,339	911,796	4,853,116	432,216	248,633	

2. Oil Pipeline Transport, April 1968, Catalogue No. 55-001.

Oil movements by Canadian oil pipelines increased by 17.5% in April 1968 with receipts of 50,966,946 barrels compared with 43,387,389 in the preceding year; import receipts increased by 49.3%.

Total traffic amounted to 22,487 million barrel miles with an average length of haul of 445.7 miles.

Oil Pipeline Transport, April 1968

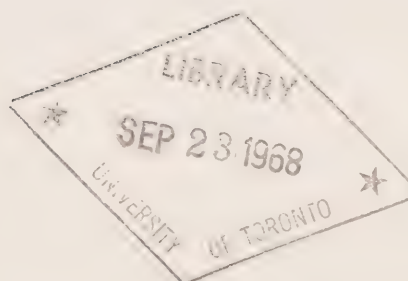
Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G.'s.	Total April 1968	Total April 1967	% of increase or decrease over 1967
	barrels 35 Canadian gallons				
<u>Net receipts</u>					
Domestic	31,713,528	7,149,126	38,862,654	35,279,860	10.2
Imports	12,063,981	40,311	12,104,292	8,107,529	49.3
Total net receipts	43,777,509	7,189,437	50,966,946	43,387,389	17.5
<u>Net deliveries</u>					
Domestic	31,137,576	6,782,945	37,920,521	31,494,686	20.4
Exports	12,294,934	238,776	12,533,710	10,921,092	14.6
Total net deliveries	43,432,510	7,021,721	50,454,231	42,415,778	19.0
Inventory change	299,199	186,298	485,497	892,944	-

Catalogue No. 57-002
Vol 3, No. 35

September 3, 1968

Retail Gasoline Statistics by Metropolitan Area,
Second Quarter, 1968

Retail sales of gasoline in Canada's major metropolitan areas for the Second quarter of 1968 were 334.9 million gallons. This amount was dispensed through 6,452 outlets.



6503-521

D.B.S. Regional Offices — St. Johns • Halifax • Montreal • Toronto • Winnipeg • Edmonton • Van

The breakdown by area is as follows:

	Metropolitan Areas					
	Montreal	Ottawa Hull*	Toronto Hamilton	Winnipeg*	Vancouver*	Total
<u>Outlets</u>						
Number of branded outlets	2,142	437	2,301	470	1,016	6,366
Number of other outlets	67	-	19	-	-	86
Totals	2,209	437	2,320	470	1,016	6,452
<u>Gallonage</u> ('000 gallons)						
Dispensed through branded outlets	108,792	20,842	131,152	21,176	47,791	329,753
Dispensed through other outlets	3,679	-	1,507	-	-	5,186
Totals	112,471	20,842	132,659	21,176	47,791	334,939

* In Winnipeg, Vancouver and Ottawa - Hull areas, branded and other outlets are combined.

Using estimated vehicle registration statistics, passenger cars per service station in the five metropolitan areas averaged 363. The Toronto-Hamilton area has an average of 417 passenger cars per station, followed by Ottawa-Hull with 382, Vancouver with 336, Winnipeg 330 and Montreal, 322.

Population per car in these metropolitan areas is estimated at 3.2. This compares favourably with the Canada figure of 3.5. The city of Vancouver has a population per car of 2.7, followed by Toronto-Hamilton, Ottawa-Hull, Montreal and Winnipeg with the last area registering a ratio of 3.3 persons per car.

During the second quarter of 1968, gasoline sold through retail pump outlets in the metropolitan areas averaged 127 gallons per vehicle. Montreal shows an average of 139 gallons; Vancouver 123; Toronto-Hamilton, 122; Winnipeg, 121; Ottawa-Hull, 112.

With the exception of Winnipeg and Vancouver, metropolitan areas are not identical with census metropolitan areas. Population and vehicle numbers for these are as follows:

	Population* 1st June 1967	Passenger cars(1)*	Commercial vehicles(1, 2)*
Montreal	2,703,460	711,500	95,000
Ottawa-Hull	517,418	167,000	19,000
Toronto-Hamilton	2,806,179	967,600	118,000
Winnipeg	514,000	155,000	19,500
Vancouver	923,000	341,800	47,500
Total Canada	20,405,000	5,830,000	1,723,075

(1) 1967 registrations.

(2) Taxis included.

* Estimates.

Catalogue No. 57-002
Vol. 3 No. 36

September 6, 1968.

MONTHLY SUPPLY AND DISPOSAL OF ELECTRIC ENERGY - 1967

Introduction

This report presents a summary of the Monthly Electric Power Statistics Survey incorporating all revisions to date. The 1967 monthly data were originally published in the twelve monthly issues of Catalogue No. 57-001.

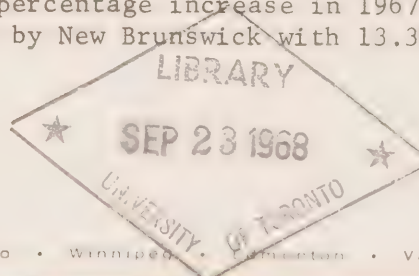
The survey covers all firms which generate a minimum of 10 million kwh. per annum together with the large distributors of electric energy. In 1966 these firms accounted for 99.5% of all generation and 95.8% of sales to ultimate customers and generation for own use by industrial establishments. The same group of generating firms which provide statistics for the publication "Electric Power Statistics, Volume I, Annual Electric Power Survey of Capability and Load" (Catalogue No. 57-204) are covered in the monthly survey. Therefore there is a direct comparison with the Capability and Load report insofar as energy generation, imports, exports and use of secondary energy are concerned. Any differences are due to late revisions.

Review of Survey Results

Net generation (total generation less energy used in generating station service) by firms which generated a minimum of 10 million kwh. increased 4.7% in 1967 to 164,787,829 thousand kwh. from 157,371,369 thousand kwh. in 1966. Output from hydro plants which accounted for 80% of the total generation increased 2.0% over 1966 while thermal generation was up 17.6%. Industrial establishments produced 19.4% of the 1967 generation compared with 22.0% in 1966. Monthly generation varied from a high of 15,309,893 thousand kwh. in December to a low of 12,448,213 thousand kwh. in July.

Quebec contributed 38.8% of the total Canadian generation, followed by Ontario with 31.6% and British Columbia with 12.9%. Of these three provinces, the increase in generation in Ontario amounted to 7.4% over the 1966 generation while increases in British Columbia and Quebec generation were 2.0% and 1.9% respectively. The small increase in generation in Quebec is largely attributable to a decrease in deliveries of secondary energy to other provinces. The largest percentage increase in 1967 net generation was 16.5% in Prince Edward Island followed by New Brunswick with 13.3% and Saskatchewan with 10.4%.

6503-521



D.B.S. Regional Offices — St. Johns • Halifax • Montreal • Toronto • Winnipeg • Vancouver

Imports from the United States rose to 4,141,683 thousand kwh. in 1967 from 3,057,315 thousand kwh. in 1966 while exports decreased to 4,065,649 thousand kwh. from 4,309,786 thousand kwh. during the same period.

Total sales to ultimate customers served by the reporting group of companies increased 6.0% to 104,956,173 thousand kwh. in 1967 from 99,012,487 thousand kwh. in 1966. Percentage increases in sales by rate categories amounted to 10.0% for domestic, 10.5% for farm, 17.1% for general service (commercial) and 8.1% for street lighting. The decline of 0.7% in sales to power customers was caused by the reclassification of some power customers to the general service category during the year. Energy used in own plant which consists mainly of generation by industrial establishments for their own use increased 3.0% in 1967.

See footnotes on page 4.

See footnotes on page 4.

Supply and Disposal of Electric Energy - Continued

Canada 1967 - Concluded

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
1 Net generation:							
2 Utilities - Hydro	8,028,538 ^r	7,664,166 ^r	8,553,964 ^r	9,319,445 ^r	9,453,002 ^r	104,431,049 ^r	98,922,090 ^r
3 Thermal	2,335,797 ^r	2,571,148 ^r	2,801,772 ^r	2,506,212 ^r	2,999,893 ^r	28,384,344 ^r	23,842,680 ^r
4 Totals (1 + 2)	10,364,335 ^r	10,235,314 ^r	11,355,736 ^r	11,825,657 ^r	12,452,895 ^r	132,815,393 ^r	122,764,770 ^r
5 Industry - Hydro	2,251,590 ^r	2,112,725 ^r	2,246,774 ^r	2,470,787 ^r	2,505,158 ^r	27,730,801 ^r	30,704,408 ^r
6 Thermal	352,028 ^r	316,411 ^r	355,456 ^r	360,134 ^r	351,840 ^r	4,241,635 ^r	3,902,191 ^r
7 Totals (4 + 5)	2,603,618 ^r	2,429,136 ^r	2,602,230 ^r	2,830,921 ^r	2,856,996 ^r	31,972,436 ^r	34,606,599 ^r
8 Grand total - Hydro (1 + 4)	10,280,128 ^r	9,776,891 ^r	10,800,738 ^r	11,790,232 ^r	11,958,160 ^r	132,161,850 ^r	129,626,498 ^r
9 Thermal (2 + 5)	2,687,825 ^r	2,887,559 ^r	3,157,228 ^r	2,866,346 ^r	3,351,733 ^r	32,625,979 ^r	27,744,871 ^r
10 Total net generation (7 + 8)	12,967,953 ^r	12,664,450 ^r	13,957,966 ^r	14,656,578 ^r	15,309,893 ^r	164,787,829 ^r	157,371,369 ^r
11 Energy received from other provinces and imported:							
12 Received from United States	349,769 ^r	348,200 ^r	348,934 ^r	383,887 ^r	351,538 ^r	4,141,683 ^r	3,057,315 ^r
13 Total received from other provinces and imported (10 + 11)	13,317,722 ^r	13,012,650 ^r	14,306,900 ^r	15,040,465 ^r	15,661,431 ^r	168,929,512 ^r	160,428,684 ^r
<u>Disposal of electric energy</u>							
14 Energy delivered to other provinces and exported:							
15 Delivered to other provinces - Firm	46,951 ^r	57,647 ^r	65,596 ^r	58,467 ^r	57,852 ^r	613,869 ^r	613,869 ^r
16 Secondary	254,034 ^r	233,336 ^r	300,840 ^r	346,634 ^r	264,131 ^r	3,430,920 ^r	3,695,917 ^r
17 Total delivered to other provinces and exported (14 + 15 + 16 + 17)	300,985 ^r	290,983 ^r	366,436 ^r	403,101 ^r	321,983 ^r	4,065,649 ^r	4,309,786 ^r
18 Total made available for use in Canada (13 - 18)	13,016,737 ^r	12,721,667 ^r	13,940,464 ^r	15,337,364 ^r	15,339,448 ^r	164,863,863 ^r	156,118,898 ^r
19 Energy used in own plant - Firm	3,440,896 ^r	3,109,821 ^r	3,227,075 ^r	3,243,214 ^r	3,357,007 ^r	39,752,299 ^r	36,809,671 ^r
20 Secondary	36,697 ^r	31,069 ^r	107,851 ^r	204,627 ^r	174,443 ^r	1,272,273 ^r	2,135,304 ^r
21 Total used in own plant (20 + 21)	3,477,593 ^r	3,140,890 ^r	3,334,926 ^r	3,447,841 ^r	3,531,450 ^r	41,024,572 ^r	38,944,975 ^r
22 Sales to ultimate customers:							
23 Power - Firm	4,658,355 ^r	4,514,025 ^r	4,575,688 ^r	4,768,817 ^r	4,840,980 ^r	54,789,271 ^r	53,372,351 ^r
24 Secondary	58,707 ^r	74,904 ^r	119,274 ^r	220,957 ^r	125,314 ^r	1,326,570 ^r	1,098,487 ^r
25 General service (commercial)	1,214,373 ^r	1,259,582 ^r	1,302,223 ^r	1,401,093 ^r	1,488,275 ^r	15,683,659 ^r	13,384,689 ^r
26 Domestic	2,064,944 ^r	2,131,845 ^r	2,428,183 ^r	2,566,087 ^r	2,811,933 ^r	30,774,537 ^r	27,980,360 ^r
27 Farm(1)	91,467 ^r	82,750 ^r	89,386 ^r	99,397 ^r	101,241 ^r	1,306,019 ^r	1,181,531 ^r
28 Street lighting	83,967 ^r	87,416 ^r	97,499 ^r	99,944 ^r	107,059 ^r	1,076,117 ^r	995,069 ^r
29 Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	8,171,807 ^r	8,150,522 ^r	8,612,253 ^r	9,156,275 ^r	9,474,802 ^r	104,956,173 ^r	99,012,487 ^r
30 Unallocated energy(2)	896,287 ^r	936,374 ^r	1,449,422 ^r	1,434,440 ^r	1,668,502 ^r	12,310,922 ^r	11,949,811 ^r
31 Distribution by non-respondents	471,056 ^r	493,881 ^r	543,865 ^r	608,808 ^r	664,694 ^r	6,572,196 ^r	6,211,625 ^r
32 Total disposal of energy (18 + 22 + 29 + 30 + 31)	13,317,722 ^r	13,012,650 ^r	14,306,900 ^r	15,040,465 ^r	15,661,431 ^r	168,929,512 ^r	160,428,684 ^r

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

... Figures not appropriate or not applicable.

^r Revised figures.

Newfoundland 1967

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
	Net generation:							
1	Utilities - Hydro	181,019	159,943	173,347	158,147	184,797	200,198	216,025
2	Thermal	16,829	18,419	19,686	21,250	17,367	19,929	2,424
3	Totals (1 + 2)	197,848	178,362	193,033	179,397	202,164	220,127	218,449
4	Industry - Hydro	33,910	30,766	30,634	27,315	28,300	34,381	36,993
5	Thermal	25,594	22,677	26,533	26,468	16,281	4,027	1,275
6	Totals (4 + 5)	59,504	53,443	57,167	53,783	44,581	38,408	38,268
7	Grand total - Hydro (1 + 4)	214,929	190,709	203,981	185,462	213,097	234,579	253,018
8	Thermal (2 + 5)	42,423	41,096	46,219	47,718	33,648	23,956	3,699
9	Total net generation (7 + 8)	257,352	231,805	250,200	233,180	246,745	258,535	256,717
	Energy received from other provinces and imported:							
10	Received from other provinces	-	-	-	-	-	-	-
11	Imported from United States	-	-	-	-	-	-	-
12	Total received from other provinces and imported (10 + 11)	-	-	-	-	-	-	-
13	Total supply of energy (9 + 12)	257,352	231,805	250,200	233,180	246,745	258,535	256,717
	<u>Disposal of electric energy</u>							
	Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	5,758	5,188	4,864	5,062	5,441	5,389	3,877
15	Secondary	2,664	1,810	854	2,222	1,613	2,246	2,064
16	Exported to United States - Firm	-	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	8,422	6,998	5,718	7,284	7,054	7,635	5,941
19	Total made available for use in Canada (13 - 18) ..	248,930	224,807	244,482	225,896	239,691	250,900	250,776
20	Energy used in own plant - Firm	80,177	69,916	74,898	63,792	86,140	92,475	92,201
21	Secondary	-	-	-	-	3,859	7,070	6,350
22	Total used in own plant (20 + 21)	80,177	69,916	74,898	63,792	89,999	99,545	98,551
	Sales to ultimate customers:							
23	Power - Firm	115,161	105,350	115,477	112,742	104,522	111,263	111,418
24	Secondary	-	-	-	-	-	-	90
25	General service (commercial)	15,241	15,020	14,385	14,054	12,932	12,310	11,676
26	Domestic	28,860	26,120	25,222	25,497	21,885	21,568	19,559
27	Farm(1)	-	-	-	-	-	-	-
28	Street lighting	-	-	-	-	-	-	-
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	1,258	1,039	1,012	783	764	682	732
30	Unallocated energy(2)	160,520	147,529	156,096	153,076	140,103	145,823	143,475
31	Distribution by non-respondents	5,417	4,137	9,438	5,361	9,389	4,388	7,706
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	257,352	231,805	250,200	233,180	246,745	258,535	256,717

See footnotes on page 4.

No.		August	September	October	November	December	1967	1966
		thousand kwh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	220,257	225,424	257,877	253,708	265,088	2,495,830	2,119,584
3	Thermal	740	926	1,831	2,605	3,057	125,063	199,761
4	Totals (1 + 2)	220,997	226,350	259,708	256,313	268,145	2,620,893	2,319,345
5	Industry - Hydro	35,326	32,830	30,988	32,442	34,104	387,989	436,252
6	Thermal	3,661	2,945	4,891	3,454	132	137,938	105,759
7	Totals (4 + 5)	38,987	35,775	35,879	35,896	34,236	525,927	542,011
8	Grand total - Hydro (1 + 4)	255,583	258,254	288,865	286,150	299,192	2,883,819	2,555,836
9	Thermal (2 + 5)	4,401	3,871	6,722	6,059	3,189	263,001	305,520
	Total net generation (7 + 8)	259,984	262,125	295,587	292,209	302,381	3,146,820	2,861,356
10	Energy received from other provinces and imported:							
11	Received from other provinces	-	-	-	-	-	-	-
12	Imported from United States	-	-	-	-	-	-	-
	Total received from other provinces and imported (10 + 11)	-	-	-	-	-	-	-
13	Total supply of energy (9 + 12)	259,984	262,125	295,587	292,209	302,381	3,146,820	2,861,356
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	3,704	3,870	4,320	4,838	5,493	57,804	54,512
16	Secondary	2,208	2,520	2,040	2,386	2,961	25,588	26,064
17	Exported to United States - Firm	-	-	-	-	-	-	-
18	Secondary	-	-	-	-	-	-	-
	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	5,912	6,390	6,360	7,224	8,454	83,392	80,576
19	Total made available for use in Canada (13 - 18) ..	254,072	255,735	289,227	284,985	293,927	3,063,428	2,780,780
20	Energy used in own plant - Firm	95,080	87,296	94,210	80,175	71,347	987,707	1,060,559
21	Secondary	5,573	7,315	6,206	6,638	7,329	50,340	432
22	Total used in own plant (20 + 21)	100,653	94,611	100,416	86,813	78,676	1,038,047	1,060,991
	Sales to ultimate customers:							
23	Power - Firm	108,195	115,087	133,554	136,484	141,884	1,411,137	1,213,077
24	Secondary	-	-	-	-	-	90	493
25	General service (commercial)	9,713	11,703	13,598	15,474	18,059	164,165	95,457
26	Domestic	18,566	20,234	21,726	23,649	24,657	277,543	265,072
27	Farm(1)	-	-	-	-	-	-	-
28	Street lighting	-	-	-	-	-	-	-
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	760	956	1,132	1,273	1,374	11,765	10,391
30	Unallocated energy(2)	137,234	147,980	170,010	176,880	185,974	1,864,700	1,584,490
31	Distribution by non-respondents	15,145	12,084	17,649	20,108	28,121	138,943	120,255
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	259,984	262,125	295,587	292,209	302,381	3,146,820	2,861,356

See footnotes on page 4.

Prince Edward Island 1967

- 7 -

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	-	-	-	-	-	-	-
3	Thermal	15,643	14,869	15,229	14,218	14,024	12,861	14,372
4	Totals (1 + 2)	15,643	14,869	15,229	14,218	14,024	12,861	14,372
5	Industry - Hydro	-	-	-	-	-	-	-
6	Thermal	-	-	-	-	-	-	-
7	Totals (4 + 5)	-	-	-	-	-	-	-
8	Grand total - Hydro (1 + 4)	-	-	-	-	-	-	-
9	Thermal (2 + 5)	15,643	14,869	15,229	14,218	14,024	12,861	14,372
10	Total net generation (7 + 8)	15,643	14,869	15,229	14,218	14,024	12,861	14,372
11	Energy received from other provinces and imported:							
12	Received from other provinces	-	-	-	-	-	-	-
13	Imported from United States	-	-	-	-	-	-	-
	Total received from other provinces and imported (10 + 11)	-	-	-	-	-	-	-
13	Total supply of energy (9 + 12)	15,643	14,869	15,229	14,218	14,024	12,861	14,372
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	-	-	-	-	-	-	-
16	Secondary	-	-	-	-	-	-	-
17	Exported to United States - Firm	-	-	-	-	-	-	-
18	Secondary	-	-	-	-	-	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	-	-	-	-	-	-	-
20	Total made available for use in Canada (13 - 18) ..	15,643	14,869	15,229	14,218	14,024	12,861	14,372
21	Energy used in own plant - Firm	-	-	-	-	-	-	-
22	Secondary	-	-	-	-	-	-	-
23	Total used in own plant (20 + 21) ..	-	-	-	-	-	-	-
24	Sales to ultimate customers:							
25	Power - Firm	252	231	216 ^r	253 ^r	148 ^r	138 ^r	150 ^r
26	Secondary	1,319	1,197	1,206	1,749	1,370	1,307	1,808
27	General service (commercial)	4,622 ^r	4,517 ^r	4,154 ^r	4,293 ^r	3,757 ^r	4,127 ^r	4,323 ^r
28	Domestic	7,014	6,424	6,145	6,339	5,505	5,492	5,366
29	Farm(1)	-	-	-	-	-	-	-
30	Street lighting	174	175	152 ^r	152 ^r	148 ^r	150 ^r	149 ^r
31	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	13,381 ^r	12,544 ^r	11,871 ^r	12,786 ^r	10,928 ^r	11,214 ^r	11,796 ^r
32	Unallocated energy (2)	2,262 ^r	2,325 ^r	3,358 ^r	1,432 ^r	3,096 ^r	1,647 ^r	2,576 ^r
33	Distribution by non-respondents	-	-	-	-	-	-	-
34	Total disposal of energy (18 + 22 + 29 + 30 + 31)	15,643	14,869	15,229	14,218	14,024	12,861	14,372

See footnotes on page 4.

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
<u>Net generation:</u>							
1 Utilities - Hydro	-	-	-	-	-	-	-
2 Thermal	15,198	14,299	15,739	16,549	17,855	180,856	155,167
3 Totals (1 + 2)	15,198	14,299	15,739	16,549	17,855	180,856	155,167
4 Industry - Hydro	-	-	-	-	-	-	-
5 Thermal	-	-	-	-	-	-	-
6 Totals (4 + 5)	-	-	-	-	-	-	-
7 Grand total - Hydro (1 + 4)	-	-	-	-	-	-	-
8 Thermal (2 + 5)	-	-	-	-	-	-	-
9 Total net generation (7 + 8)	15,198	14,299	15,739	16,549	17,855	180,856	155,167
10 Energy received from other provinces and imported:	15,198	14,299	15,739	16,549	17,855	180,856	155,167
11 Received from other provinces	-	-	-	-	-	-	-
12 Imported from United States	-	-	-	-	-	-	-
13 Total supply of energy (9 + 12)	15,198	14,299	15,739	16,549	17,855	180,856	155,167
<u>Disposal of electric energy</u>							
<u>Energy delivered to other provinces and exported:</u>							
14 Delivered to other provinces - Firm	-	-	-	-	-	-	-
15 Secondary	-	-	-	-	-	-	-
16 Exported to United States - Firm	-	-	-	-	-	-	-
17 Secondary	-	-	-	-	-	-	-
18 Total delivered to other provinces and exported (14 + 15 + 16 + 17)	-	-	-	-	-	-	-
19 Total made available for use in Canada (13 - 18) ..	15,198	14,299	15,739	16,549	17,855	180,856	155,167
20 Energy used in own plant - Firm	-	-	-	-	-	-	-
21 Secondary	-	-	-	-	-	-	-
22 Total used in own plant (20 + 21)	-	-	-	-	-	-	-
<u>Sales to ultimate customers:</u>							
23 Power - Firm	14,717	14,617	17,817	18,717	21117	2,257	2,763
24 Secondary	2,295	2,467	2,231	2,117	1,913	20,977	15,353
25 General service (commercial)	4,110	4,417	3,145	5,485	4,876	51,826	55,485
26 Domestic	5,170	5,789	5,716	6,152	6,850	71,962	60,808
27 Farm(1)	-	-	-	-	-	-	-
28 Street lighting	15017	16417	16417	19417	19517	1,967	1,846
29 Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	11,87217	12,98317	11,43417	14,13517	14,04517	148,989	136,255
30 Unallocated energy(2)	3,32617	1,31617	4,30517	2,41417	3,81017	31,867	16,426
31 Distribution by non-respondents	-	-	-	-	-	-	2,486
32 Total disposal of energy (18 + 22 + 29 + 30 + 31)	15,198	14,299	15,739	16,549	17,855	180,856	155,167

See footnotes on page 4.

Nova Scotia 1967

- 9 -

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	50,199	35,800	41,765	44,501	65,263	49,130	42,492
3	Thermal	186,635	200,167	217,764	162,160	130,302	149,524	191,969
4	Totals (1 + 2)	236,834	235,967	259,529	206,661	195,565	198,654	234,461
5	Industry - Hydro	3,007	2,189	2,766	2,651	2,505	2,574	2,289
6	Thermal	23,464	18,975	21,584	20,523	22,580	21,144	22,087
7	Totals (4 + 5)	26,471	21,164	24,350	23,174	25,085	23,718	24,376
8	Grand total - Hydro (1 + 4)	53,206	37,989	44,531	47,152	67,768	51,704	44,781
9	Thermal (2 + 5)	210,099	199,142	182,683	182,683	152,882	170,668	214,056
10	Total net generation (7 + 8)	263,305	257,131	283,879	229,835	220,650	222,372	258,837
11	Energy received from other provinces and imported:							
12	Received from other provinces	1,554	38	6	13,607	13,815	5,068	319
13	Imported from United States	-	-	-	-	-	-	-
	Total received from other provinces and imported (10 + 11)	1,554	38	6	13,607	13,815	5,068	319
	Total supply of energy (9 + 12)	264,859	257,169	283,885	243,442	234,465	227,440	259,156
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	-	-	-	-	-	-	-
16	Secondary	11,687	23,261	34,136	8,749	881	12,952	41,204
17	Exported to United States - Firm	-	-	-	-	-	-	-
18	Secondary	-	-	-	-	-	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	11,687	23,261	34,136	8,749	881	12,952	41,204
20	Total made available for use in Canada (13 + 18)	253,172	233,908	249,749	234,693	233,584	214,488	217,952
21	Energy used in own plant - Firm	54,330	48,668	51,175	50,659	52,735	48,568	49,898
22	Secondary	1,434	1,079	1,512	1,409	1,698	1,415	1,025
	Total used in own plant (20 + 21)	55,764	49,747	52,687	52,068	54,433	49,983	50,923
23	Sales to ultimate customers:							
24	Power - Firm	33,487	33,050	33,793	33,984	36,773	39,327	36,424
25	Secondary	864	825	1,019	1,024	691	710	423
26	General service (commercial)	49,907	50,848	49,275	49,792	44,809	45,275	42,608
27	Domestic	69,332	71,618	66,143	67,952	62,837	59,632	53,294
28	Farm(1)	-	-	-	-	-	-	-
29	Street lighting	2,152	1,987	1,899	1,931	1,794	1,749	1,830
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	155,742	158,328	152,129	154,683	146,904	146,693	134,579
30	Unallocated energy(2)	23,716	8,459	26,893	10,712	16,112	2,382	14,069
31	Distribution by non-respondents	17,950	17,381	18,040	17,230	16,135	15,430	18,381
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	264,859	257,169	283,885	243,442	234,465	227,440	259,156

See footnotes on page 4.

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
Net generation:							
1	Utilities - Hydro	47,489 ^F	60,063 ^F	60,654 ^F	85,651 ^F	631,700	416,265
2	Thermal	153,133 ^F	139,869 ^F	140,662 ^F	166,852 ^F	2,012,941	2,187,994
3	Totals (1 + 2)	200,622 ^F	199,932 ^F	201,316 ^F	252,503 ^F	2,644,641	2,604,259
4	Industry - Hydro	2,696	2,425	3,045	3,629	32,627	23,153
5	Thermal	24,085	18,387	20,038	20,756	254,819	223,688
6	Totals (4 + 5)	26,781	20,812	22,889	24,241	287,446	246,841
7	Grand total - Hydro (1 + 4)	51,389 ^F	49,914 ^F	62,914 ^F	63,699 ^F	664,327	439,418
8	Thermal (2 + 5)	197,989 ^F	171,520 ^F	159,907 ^F	161,858 ^F	2,267,760	2,411,682
9	Total net generation (7 + 8)	249,378 ^F	221,434 ^F	222,821 ^F	225,557 ^F	2,932,087	2,851,100
Energy received from other provinces and imported:							
10	Received from other provinces	82	10,117	25,554	7,121	99,252	58,872
11	Imported from United States	-	-	-	-	-	-
12	Total received from other provinces and imported	82	10,117	25,554	7,121	99,252	58,872
13	Total supply of energy (9 + 12)	249,460 ^F	231,551 ^F	248,375 ^F	247,528 ^F	3,031,339	2,909,972
<u>Disposal of electric energy</u>							
Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	25,955	6,340	162	251	168,732	123,802
15	Secondary	-	-	-	-	-	123,964
16	Exported to United States - Firm	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-
18	Total delivered to other provinces and exported	25,955	6,340	162	251	168,732	123,802
19	(14 + 15 + 16 + 17)	223,505 ^F	225,211 ^F	248,213 ^F	247,277 ^F	2,862,607	2,662,206
20	Total made available for use in Canada (13 - 18)	50,089 ^F	47,986 ^F	53,391 ^F	45,319 ^F	605,546	314,238
21	Energy used in own plant - Firm	1,620 ^F	1,595 ^F	1,680 ^F	1,607 ^F	17,700	314,238
22	Secondary	51,709 ^F	49,381 ^F	55,071	46,926	623,246	314,238
23	Total used in own plant (20 + 21)	36,551 ^F	38,168 ^F	40,964 ^F	39,718 ^F	441,324	713,765
24	Sales to ultimate customers:	491	745	659	522	8,954	9,960
25	Power - Firm	44,578	41,635	44,457	48,586	565,246	506,736
26	General service (commercial)	54,077	49,603 ^F	55,184	57,888	733,340	662,967
27	Domestic	-	-	-	-	-	-
28	Farm(1)	1,787 ^F	1,929	2,094	2,113	23,499	22,625
29	Street lighting	137,484 ^F	132,080 ^F	143,358 ^F	148,827 ^F	1,772,363	1,916,053
30	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	16,093 ^F	23,111 ^F	28,611 ^F	32,144 ^F	238,548	251,790
31	Unallocated energy(2)	18,219 ^F	20,439 ^F	21,173	19,380	228,450	180,125
32	Distribution by non-respondents	249,460 ^F	231,551 ^F	248,375 ^F	247,528 ^F	3,031,339	2,909,972
	Total disposal of energy (18 + 22 + 29 + 30 + 31)						

See footnotes on page 4.

See footnotes on page 4.

New Brunswick 1967

- 11 -

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
	Net generation:							
1	Utilities - Hydro	77,262	53,797	43,067	114,268	159,603	108,780	81,022
2	Thermal	170,866	168,007	194,782	147,797	125,935	111,706	113,768
3	Totals (1 + 2)	248,128	221,804	237,849	262,065	285,538	220,486	194,790
4	Industry - Hydro	3,100	1,875	1,635	2,792	8,635	8,619	4,325
5	Thermal	47,729	47,988	55,923	49,734	28,835	36,762	40,097
6	Totals (4 + 5)	50,829	49,863	57,558	52,526	37,470	45,381	44,422
7	Grand total - Hydro (1 + 4)	80,362	55,672	44,702	117,060	168,238	117,399	85,347
8	Thermal (2 + 5)	218,595	215,995	250,705	197,531	154,770	148,468	153,865
9	Total net generation (7 + 8)	298,957	271,667	295,407	314,591	323,008	265,867	239,212
10	Energy received from other provinces and imported:							
11	Received from other provinces	21,571	28,397	40,410	11,602	3,297	16,764	46,389
12	Imported from United States	272	335	313	797	2,132	276	211
13	Total received from other provinces and imported (10 + 11)	21,843	28,732	40,723	12,399	5,429	17,040	46,600
	Total supply of energy (9 + 12)	320,800	300,399	336,130	326,990	328,437	282,907	285,812
	<u>Disposal of electric energy</u>							
	Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	-	-	-	-	-	-	-
15	Secondary	1,554	38	6	13,607	13,815	5,068	319
16	Exported to United States - Firm	13,876	10,647	11,838	23,767	23,314	15,897	9,838
17	Secondary	7,050	9,164	10,583	8,746	15,268	9,839	10,194
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	22,480	19,849	22,427	46,120	52,397	30,804	20,351
19	Total made available for use in Canada (13 + 18)	298,320	280,550	313,703	280,870	276,040	252,103	265,461
20	Energy used in own plant - Firm	96,015	86,164	95,799	92,434	88,256	88,531	90,977
21	Secondary	1,047	4,224	5,265	1,774	1,186	4,005	3,670
22	Total used in own plant (20 + 21)	97,062	90,388	101,064	94,208	89,442	92,536	94,647
23	Sales to ultimate customers:							
24	Power - Firm	81,190	76,561	83,432	79,261	74,434	68,079	73,678
25	Secondary	7,261	7,853	8,349	7,745	8,053	8,276	8,276
26	General Service (commercial)	31,900	19,974	30,450	28,975	27,487	26,327	25,175
27	Domestic	58,218	55,759	52,622	51,015	46,424	44,422	40,220
28	Farm(1)	-	-	-	-	-	-	-
29	Street lighting	1,816	1,809	1,464	1,746	1,777	1,765	1,774
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	180,385	161,956	176,317	168,742	158,175	143,298	149,123
30	Unallocated energy(2)	17,796	25,196	33,201	15,120	25,684	13,476	19,148
31	Distribution by non-respondents	3,077	3,010	3,121	2,800	2,739	2,793	2,543
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	320,800	300,399	336,130	326,990	328,437	282,907	285,812

See footnotes on page 4.

Supply and Disposal of Electric Energy - Continued

New Brunswick 1967 - Concluded

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
Net generation:							
1	78,146	127,029	158,512	121,868	114,635	1,237,989	1,126,607
2	144,526	133,386	150,174	175,026	178,895	1,814,868	1,452,939
3	222,672	260,415	308,686	296,894	293,530	3,052,857	2,579,546
4	2,601	3,851	7,259	5,466	4,761	54,919	56,285
5	42,830	40,084	48,522	46,613	47,178	532,295	576,367
6	45,431	43,935	55,781	52,079	51,939	587,214	632,652
7	80,747	130,880	165,771	127,334	119,396	1,292,908	1,182,892
8	187,356	173,470	198,696	221,639	226,073	2,347,163	2,029,306
9	268,103	304,350	364,467	348,973	345,469	3,640,071	3,212,198
Energy received from other provinces and imported:							
10	31,198	9,129	2,102	3,241	6,553	220,653	306,898
11	182	1,065	1,142	429	92	7,246	11,303
12	31,380	10,194	3,244	3,670	6,645	227,899	318,201
13	299,483	314,544	367,711	352,643	352,114	3,867,970	3,530,399
<u>Disposal of electric energy</u>							
Energy delivered to other provinces and exported:							
14	-	10,117	25,568	21,971	7,121	99,266	58,911
15	11,247	23,280	29,177	21,069	21,873	215,823	203,741
16	10,030	6,876	8,397	12,701	9,020	117,868	107,454
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
Total delivered to other provinces and exported (14 + 15 + 16 + 17)							
19	21,359	40,273	63,142	55,741	38,014	432,957	370,106
20	278,124	274,271	304,569	296,902	314,100	3,435,013	3,160,293
21	94,622	88,889	100,318	95,041	94,618	1,111,664	1,100,366
22	4,110	2,048	4,490	3,119	1,719	36,657	42,605
Total used in own plant (20 + 21)							
23	98,732	90,937	104,808	98,160	96,337	1,148,321	1,142,971
Sales to ultimate customers:							
24	77,441	80,154	85,914	79,604	82,134	941,882	918,147
25	7,751	8,031	8,588	6,628	6,397	87,637	73,540
26	25,307	26,132	27,721	29,950	31,524	330,922	306,750
27	39,958	43,727	46,720	50,768	58,473	588,326	511,253
28	-	-	-	-	-	-	-
29	1,845	1,819	1,887	1,916	1,972	21,590	20,215
Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)							
30	152,302	159,863	170,830	168,866	180,500	1,970,357	1,829,905
31	24,672	21,118	26,229	27,191	36,720	285,551	156,454
32	2,418	2,353	2,702	2,685	543	30,784	30,963
Total disposal of energy (18 + 22 + 29 + 30 + 31)							
	299,483	314,544	367,711	352,643	352,114	3,867,970	3,530,399

See footnotes on page 4.

Supply and Disposal of Electric Energy - Continued

See footnotes on page 4.

See footnotes on page 4.

Quebec 1967 - Concluded

- 14 -

No.	August	September	October	November	December	1967	1966
Supply of electric energy							
thousand kwh.							
Net generation:							
1	3,625,097	3,406,206	3,806,800	4,182,555	4,193,059	45,890,665	42,626,231
2	117,446	209,461	197,505	60,397	117,817	1,123,494	132,696
3	3,742,543	3,615,667	4,004,305	4,242,952	4,310,876	47,014,159	42,758,927
4	1,298,167	1,224,398	1,328,629	1,501,353	1,485,903	16,487,580	19,494,539
5	29,076	26,200	26,258	27,599	22,043	324,192	366,556
6	1,327,243	1,250,598	1,354,887	1,528,952	1,507,946	16,811,772	19,861,095
7	4,923,264	4,630,604	5,135,429	5,683,908	5,678,962	62,378,245	62,120,770
8	146,522	235,661	223,763	87,996	139,860	1,447,686	499,252
9	5,069,786	4,866,265	5,359,192	5,771,904	5,818,822	63,825,931	62,620,022
Total net generation (7 + 8)							
Energy received from other provinces and imported:							
10	11,400	18,084	25,328	14,209	14,702	219,922	167,875
11	62	79	82	82	109	1,005	911
12	11,462	18,163	25,410	14,291	14,811	220,927	168,786
13	5,081,248	4,884,428	5,384,602	5,786,195	5,833,633	64,046,858	62,788,808
Total supply of energy (9 + 12)							
Disposal of electric energy							
Energy delivered to other provinces and exported:							
14	346,347	332,495	334,138	321,007	312,471	3,873,964	3,861,328
15	64,981	44,399	128,847	276,675	175,294	1,423,995	2,446,331
16	1,117	1,145	1,313	1,425	1,448	15,420	14,256
17	1,261	1,070	249	66	656	10,158	11,616
18	413,706	379,109	464,547	599,173	489,869	5,323,537	6,333,531
19	4,667,542	4,505,319	4,920,055	5,187,022	5,343,764	58,723,321	56,455,277
20	1,514,427	1,365,726	1,371,767	1,410,880	1,523,243	17,943,748	16,781,914
21	18,078	13,738	81,837	176,046	156,799	955,174	1,443,594
22	1,532,505	1,379,464	1,453,604	1,586,926	1,680,042	18,898,922	18,225,508
Total used in own plant (20 + 21)							
Sales to ultimate customers:							
23	1,785,475	1,706,138	1,644,799	1,810,744	1,872,469	20,450,255	20,683,072
24	38,337	52,203	92,792	194,002	95,426	1,011,138	1,386,126
25	276,803	279,063	292,083	320,832	351,879	3,462,374	2,660,562
26	690,211	696,049	696,688	767,470	873,253	9,650,137	8,526,316
27	-	-	-	-	-	-	-
28	28,102	27,510	31,691	30,363	31,916	337,384	286,723
29	2,818,928	2,760,963	2,758,053	3,123,411	3,224,943	34,911,288	33,542,799
30	271,363	319,755	666,535	418,837	376,458	4,277,135	4,088,278
31	44,746	45,137	41,863	57,848	62,321	635,976	598,692
32	5,081,248	4,884,428	5,384,602	5,786,195	5,833,633	64,046,858	62,788,808

footnotes on page 4.

See footnotes on page 4.

Ontario 1967

- 15 -

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	3,271,928	2,931,307	3,013,925	3,103,029	3,268,771	3,098,052	2,887,838
3	Thermal	1,113,672	1,272,379	1,389,670	949,452	759,096	749,196	749,468
4	Totals (1 + 2)	4,385,600	4,203,686	4,403,595	4,052,481	4,027,867	3,847,248	3,637,306
5	Industry - Hydro	147,615	132,821	143,128	133,691	137,515	145,991	142,216
6	Thermal	108,042	105,864	103,662	111,492	105,809	108,956	99,526
7	Totals (4 + 5)	255,657	238,685	246,790	245,183	243,324	254,947	241,742
8	Grand total - Hydro (1 + 4)	3,419,543	3,064,128	3,157,053	3,236,720	3,406,286	3,244,043	3,030,054
9	Thermal (2 + 5)	1,221,714	1,378,243	1,493,332	1,060,947	864,905	858,152	848,994
10	Total net generation (7 + 8)	4,641,257	4,442,371	4,650,385	4,297,664	4,271,191	4,102,195	3,879,048
11	Energy received from other provinces and imported:							
12	Received from other provinces	508,242	364,909	405,101	381,603	459,276	450,687	457,990
13	Imported from United States	255,859	189,761	206,644	172,078	185,241	164,272	191,248
	Total received from other provinces and imported (10 + 11)	764,101	554,670	611,745	553,681	644,517	614,959	649,238
	Total supply of energy (9 + 12)	5,405,358	4,997,041	5,262,130	4,851,345	4,915,708	4,717,154	4,528,286
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	594	-	-	-	-	-	-
16	Secondary	22,904	13,358	10,365	14,688	16,383	17,452	5,863
17	Exported to United States - Firm	33,540	30,421	34,322	32,742	33,573	32,751	32,885
18	Secondary	265,076	217,915	231,178	199,823	212,375	238,117	235,701
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	322,114	261,694	275,865	247,253	262,331	288,320	274,149
20	Total made available for use in Canada (13 + 18) ..	5,083,242	4,735,347	4,986,265	4,604,092	4,653,377	4,428,834	4,254,137
21	Energy used in own plant - Firm	513,148	498,857	556,707	530,161	548,466	565,806	542,298
22	Secondary	21,843	11,790	12,136	11,054	10,456	7,601	6,976
23	Total used in own plant (20 + 21)	534,991	510,647	568,843	541,215	558,922	573,407	549,274
24	Sales to ultimate customers:							
25	Power - Firm	1,807,080	1,721,514	1,763,689	1,800,355	1,823,927	1,766,049	1,693,759
26	Secondary	11,246	8,593	7,313	4,746	3,976	1,777	1,738
27	General service (commercial)	535,463	540,323	516,816	534,762	482,945	514,979	488,648
28	Domestic	1,154,651	1,187,564	1,218,507	1,114,093	1,062,760	928,593	909,006
29	Farm(1)	-	-	-	-	-	-	-
30	Street lighting	-	-	-	-	-	-	-
31	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	29,653	30,070	29,379	28,390	27,989	27,199	27,693
32	Unallocated energy(2)	3,538,093	3,488,064	3,535,704	3,482,346	3,401,597	3,238,597	3,120,844
33	Distribution by non-respondents	532,114	278,437	399,596	116,432	291,289	241,345	235,814
34	Total disposal of energy (18 + 22 + 29 + 30 + 31)	4,78,046	458,199	482,122	464,099	401,569	375,485	348,205
35	Total disposal of energy (18 + 22 + 29 + 30 + 31)	5,405,358	4,997,041	5,262,130	4,851,345	4,915,708	4,717,154	4,528,286

See footnotes on page 4.

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
Net generation:							
1 Utilities - Hydro	2,737,597	2,494,910	2,760,612	3,202,134	3,214,262	35,984,365	35,347,306
2 Thermal	1,064,278	1,273,633	1,374,190	1,046,441	1,336,897	13,078,372	10,416,404
3 Totals (1 + 2)	3,801,875	3,768,543	4,134,802	4,248,575	4,551,159	49,062,737	45,763,710
4 Industry - Hydro	141,403	123,421	130,090	138,383	142,704	1,658,978	1,608,899
5 Thermal	103,288	94,609	100,718	108,401	111,599	1,049,378	1,049,378
6 Totals (4 + 5)	244,691	218,030	230,808	246,784	254,303	2,702,333	2,658,277
7 Grand total - Hydro (1 + 4)	2,879,000	2,618,331	2,890,702	3,340,517	3,356,966	37,643,343	36,956,205
8 Thermal (2 + 5)	1,167,566	1,368,242	1,474,908	1,154,842	1,448,496	14,340,338	11,465,782
9 Total net generation (7 + 8)	4,046,566	3,986,573	4,365,610	4,495,359	4,805,462	51,983,681	48,421,987
Energy received from other provinces and imported:							
10 Received from other provinces	431,079	401,547	484,864	617,362	497,938	5,460,598	6,262,777
11 Imported from United States	189,021	223,859	239,560	263,709	235,013	2,516,265	2,339,536
12 Total received from other provinces and imported (10 + 11)	620,100	625,406	724,424	881,071	732,951	7,976,863	8,602,313
13 Total supply of energy (9 + 12)	4,666,666	4,611,979	5,090,034	5,376,430	5,538,413	59,960,544	57,024,300
<u>Disposal of electric energy</u>							
Energy delivered to other provinces and exported:							
14 Delivered to other provinces - Firm	5,527	11,717	18,956	7,086	6,533	594	97,842
15 Secondary	34,246	32,979	34,808	33,651	34,156	150,532	150,532
16 Exported to United States - Firm	224,891	199,356	246,140	241,974	189,687	400,074	393,076
17 Secondary	264,664	244,052	299,904	282,711	230,376	2,702,233	2,853,632
18 Total delivered to other provinces and exported (14 + 15 + 16 + 17)	4,402,002	4,367,927	4,790,130	5,093,719	5,308,037	3,253,433	3,344,550
19 Total made available for use in Canada (13 + 18)	558,074	521,406	555,110	541,767	531,244	56,707,111	53,679,750
20 Energy used in own plant - Firm	6,493	4,066	2,945	6,707	6,196	6,463,044	5,662,450
21 Secondary	564,567	525,472	558,055	548,474	537,440	108,263	204,311
22 Total used in own plant (20 + 21)	1,817,602	1,746,337	1,817,259	1,824,368	1,862,668	6,571,307	5,866,761
Sales to ultimate customers:							
23 Power - Firm	2,099	2,367	4,240	6,237	6,786	21,444,607	20,615,002
24 Secondary	492,945	519,998	528,061	548,562	572,403	61,118	443,309
25 General service (commercial)	818,832	846,506	1,058,820	1,042,633	1,092,459	6,275,905	5,562,719
26 Domestic	27,919	28,448	29,168	29,819	31,368	12,434,424	11,344,398
27 Farm (1)	3,159,397	3,143,656	3,437,548	3,451,619	3,565,684	347,095	341,166
28 Street lighting	305,185	304,899	356,459	605,282	676,350	40,563,149	38,306,594
29 Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	372,853	393,900	438,068	488,344	528,563	4,343,202	4,516,004
30 Unallocated energy(2)	4,666,666	4,611,979	5,090,034	5,376,430	5,538,413	5,229,453	4,990,391
31 Distribution by non-respondents						59,960,544	57,024,300
32 Total disposal of energy (18 + 22 + 29 + 30 + 31)							

See footnotes on page 4.

Manitoba 1967

No.		January	February	March	April	May	June	July
		thousand kwh.						
	<u>Supply of electric energy</u>							
	Net generation:							
1	Utilities - Hydro	596,451	546,249	560,092	515,597	517,420	471,779	469,939
2	Thermal	8,838	7,940	3,134	1,247	1,249	2,523	760
3	Totals (1 + 2)	605,289	554,189	563,226	516,844	518,669	474,302	470,699
4	Industry - Hydro	5,042	4,682	5,209	4,971	4,857	4,488	4,568
5	Thermal	6	5	6	6	5	11	7
6	Totals (4 + 5)	5,048	4,687	5,215	4,977	4,862	4,499	4,575
7	Grand total - Hydro (1 + 4)	601,493	550,931	565,301	520,568	522,277	476,267	474,507
8	Thermal (2 + 5)	8,844	7,945	3,140	1,253	1,254	2,534	767
9	Total net generation (7 + 8)	610,337	558,876	568,441	521,821	523,531	478,801	475,274
10	Energy received from other provinces and imported:							
11	Received from other provinces	64,955 ^r	49,514	53,905	50,748	49,178	51,151	49,142
12	Imported from United States	-	-	-	-	-	-	-
13	Total supply of energy (9 + 12)	64,955 ^r	49,514	53,905	50,748	49,178	51,151	49,142
	<u>Disposal of electric energy</u>							
	Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	1,760 ^r	1,153	1,242	999	951	781	699
15	Secondary	25,945 ^r	15,136	13,554	28,704	47,073	38,955	39,518
16	Exported to United States - Firm	-	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	27,705 ^r	16,289	14,796	29,703	48,024	39,736	40,217
19	Total made available for use in Canada (13 + 18)	647,587 ^r	592,101	607,550	542,866	524,885	490,216	484,199
20	Energy used in own plant - Firm	52,103	48,154	52,948	50,193	49,204	50,083	50,245
21	Secondary	13,474	9,376	8,363	15,637	13,272	5,108	12
22	Total used in own plant (20 + 21)	65,577	57,530	61,311	65,830	62,476	55,191	50,257
23	Sales to ultimate customers:							
24	Power - Firm	202,191	191,492	208,596	192,983	199,580	195,076	198,633
25	Secondary	6,399	5,773	6,073	6,132	4,507	3,436	4,147
26	General service (commercial)	84,959	85,288 ^r	80,112	69,934	66,503	61,937	60,028
27	Domestic	184,834	176,751	161,554	140,248	124,901	110,632	102,740
28	Farm(1)	47,186	46,257	44,271	39,419	36,400	29,671	26,307
29	Street lighting	8,052	7,001	6,299	5,337	4,471	3,795	4,480
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	533,621	512,562	506,905	454,053	436,362	404,547	396,335
30	Unallocated energy(2)	48,389 ^r	22,009	39,334	22,983	25,847	30,478	37,607
31	Distribution by non-respondents	-	-	-	-	-	-	-
32	Total disposal of energy (18 + 22 + 29 + 31)	675,292 ^r	608,190	622,346	572,569	572,709	529,952	524,416

See footnotes on page 4.

Manitoba 1967 - Concluded

No.	August	September	October	November	December	1967	1966
	thousand kwh.						
	<u>Supply of electric energy</u>						
	Net generation:						
1	Utilities - Hydro	504,891	510,591	536,853	580,027	613,589	5,980,892
2	Thermal	1,325	1,468	1,059	12,295	11,343	96,364
3	Totals (1 + 2)	506,216	512,059	537,912	592,322	624,932	6,077,256
4	Industry - Hydro	4,517	4,770	5,086	5,003	5,123	59,661
5	Thermal	15	5	5	36	7	150
6	Totals (4 + 5)	4,532	4,775	5,091	5,039	5,130	59,811
7	Grand total - Hydro (1 + 4)	509,408	515,361	541,939	585,030	618,712	6,040,553
8	Thermal (2 + 5)	1,340	1,473	1,064	12,331	11,350	96,514
9	Total net generation (7 + 8)	510,748	516,834	543,003	597,361	630,062	6,137,067
10	Energy received from other provinces and imported:						
11	Received from other provinces	50,135	48,534	52,234	53,973	55,566	625,852
12	Imported from United States	-	-	-	-	-	-
13	Total received from other provinces and imported (10 + 11)	50,135	48,534	52,234	53,973	55,566	625,852
	Total supply of energy (9 + 12)	560,883	565,368	595,237	651,334	685,628	6,762,919
	<u>Disposal of electric energy</u>						
	Energy delivered to other provinces and exported:						
14	Delivered to other provinces - Firm	769	781	860	20,892	17,852	19,412
15	Secondary	58,795	56,881	24,635	22,892	14,123	301,465
16	Exported to United States - Firm	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	59,564	57,662	25,495	43,784	31,975	320,877
19	Total made available for use in Canada (13 - 18) ..	501,319	507,706	569,742	607,550	653,653	6,442,042
20	Energy used in own plant - Firm	51,280	50,079	53,416	56,019	57,142	615,437
21	Secondary	12	1,662	10,204	10,118	377	89,130
22	Total used in own plant (20 + 21)	51,292	51,741	63,620	66,137	57,519	704,567
23	Sales to ultimate customers:						
24	Power - Firm	209,422	198,434	212,904	215,249	203,413	2,265,001
25	Secondary	4,294	4,918	5,519	5,661	5,924	117,995
26	General service (commercial)	60,871	61,276	66,544	74,504	79,066	795,918
27	Domestic	103,804	111,457	132,696	140,189	150,319	1,597,734
28	Farm(1)	27,349	24,906	28,869	32,113	34,979	379,237
29	Street lighting	5,092	5,975	7,135	7,585	8,706	69,158
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	410,832	406,966	453,667	475,301	482,407	5,225,043
30	Unallocated energy(2)	39,195	48,999	52,455	66,112	113,727	512,432
31	Distribution by non-respondents	-	-	-	-	-	-
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	560,883	565,368	595,237	651,334	685,628	6,762,919

See footnotes on page 4.

Saskatchewan 1967

- 19 -

No.	January	February	March	April	May	June	July
	thousand kwh.						
	<u>Supply of electric energy</u>						
	Net generation:						
1	Utilities - Hydro	115,354	125,165	129,207	106,843	177,731	219,382
2	Thermal	286,430	237,818	251,006	209,401	134,775	86,950
3	Totals (1 + 2)	401,784	362,983	380,213	316,244	312,506	306,332
4	Industry - Hydro	7,124	6,533	7,225	6,928	7,225	6,187
5	Thermal	9,743	9,100	10,416	9,875	10,125	11,994
6	Totals (4 + 5)	16,867	15,633	17,641	16,803	17,350	18,181
7	Grand total - Hydro (1 + 4)	122,478	131,698	136,432	113,771	184,956	225,569
8	Thermal (2 + 5)	296,173	246,918	261,422	219,276	104,169	98,944
9	Total net generation (7 + 8)	418,651	378,616	397,854	333,047	329,856	324,513
	Energy received from other provinces and imported:						
10	Received from other provinces	16,373	10,233	1,540	23,582	30,016	16,907
11	Imported from United States	-	-	-	-	-	-
12	Total received from other provinces and imported (10 + 11)	16,373	10,233	1,540	23,582	30,016	16,907
13	Total supply of energy (9 + 12)	435,024	388,849	399,394	356,629	359,872	341,420
	<u>Disposal of electric energy</u>						
	Energy delivered to other provinces and exported:						
14	Delivered to other provinces - Firm	53,208	48,772	53,151	49,920	48,893	49,074
15	Secondary	389	340	533	242	80	43
16	Exported to United States - Firm	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	53,597	49,112	53,684	50,162	48,973	49,117
19	Total made available for use in Canada (13 - 18) ..	381,427	339,737	345,710	306,467	310,899	292,303
20	Energy used in own plant - Firm	15,082	14,351	15,656	15,310	16,584	15,670
21	Secondary	1,213	898	898	706	764	953
22	Total used in own plant (20 + 21)	16,295	15,251	16,554	16,016	17,348	16,623
	Sales to ultimate customers:						
23	Power - Firm	120,662	133,360	119,491	121,771	121,490	126,718
24	Secondary	-	-	-	-	-	-
25	General service (commercial)	32,757	31,923	30,334	29,219	26,245	27,116
26	Domestic	94,718	90,760	79,257	71,554	60,551	50,333
27	Farm(1)	38,753	49,564	46,620	44,202	46,135	32,557
28	Street lighting	3,889	3,326	3,029	2,452	2,010	1,545
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	290,779	308,933	278,731	269,198	256,431	238,269
30	Unallocated energy(2)	69,978	11,506	46,428	17,894	33,953	34,082
31	Distribution by non-respondents	4,375	4,007	3,997	3,359	3,167	3,329
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	435,024	388,849	399,394	356,629	359,872	341,420

See footnotes on page 4.

Saskatchewan 1967 - Concluded

- 20 -

No.	August	September	October	November	December	1967	1966
thousand kwh.							
<u>Supply of electric energy</u>							
Net generation:							
1	147,081	117,837	104,374	80,015	105,336	1,653,373	1,605,360
2	153,591	184,329	249,449	280,360	313,035	2,480,853	2,128,611
3	300,672	302,166	353,823	360,375	418,371	4,134,226	3,733,971
4	6,683	6,829	7,209	6,997	7,349	83,321	80,922
5	10,541	11,062	10,218	9,564	9,926	123,024	117,671
6	17,224	17,891	17,427	16,561	17,275	206,345	198,593
7	153,764	124,666	111,583	87,012	112,683	1,736,694	1,686,282
8	164,132	195,391	259,667	289,924	322,961	2,603,877	2,246,282
9	317,896	320,057	371,250	376,936	435,646	4,340,571	3,932,564
Total net generation (7 + 8)							
Energy received from other provinces and imported:							
10	34,570	30,220	1,676	21,114	18,403	220,390	306,627
11	-	-	-	-	-	-	-
12	34,570	30,220	1,676	21,114	18,403	220,390	306,627
13	352,466	350,277	372,926	398,050	454,049	4,560,961	4,239,191
<u>Disposal of electric energy</u>							
Energy delivered to other provinces and exported:							
14	50,096	48,433	51,404	53,647	54,993	611,124	613,351
15	-	78	828	225	288	3,301	1,919
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
Total delivered to other provinces and exported (14 + 15 + 16 + 17)							
19	50,096	48,511	52,232	53,872	55,281	614,425	615,270
20	302,370	301,766	320,694	344,178	398,768	3,946,536	3,623,921
21	14,842	15,634	16,320	15,162	15,744	184,399	166,298
22	770	593	420	369	327	9,082	14,188
23	15,612	16,227	16,740	15,531	16,071	193,481	180,486
Total used in own plant (20 + 21)							
Sales to ultimate customers:							
24	118,712	130,849	128,505	129,952	124,018	1,506,154	1,345,281
25	-	-	-	-	-	-	-
26	27,807	27,285	27,637	29,630	29,810	346,065	316,796
27	50,100	52,726	59,709	69,817	75,625	808,905	756,065
28	35,020	28,745	30,382	35,449	32,792	457,386	410,724
29	2,097	2,568	3,155	3,576	4,058	33,165	34,837
Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)							
30	233,736	242,173	249,388	268,424	266,303	3,151,675	2,863,703
31	49,555	39,862	50,834	56,015	111,300	555,994	538,389
32	3,467	3,504	3,732	4,208	5,094	45,386	41,343
33	352,466	350,277	372,926	398,050	454,049	4,560,961	4,239,191

See footnotes on page 4.

Alberta 1967

No.	January	February	March	April	May	June	July
thousand kwh.							
<u>Supply of electric energy</u>							
Net generation:							
1	Utilities - Hydro	140,626	105,592	116,795	99,515	106,746	160,451
2	Thermal	459,764	412,367	437,467	382,396	372,579	297,469
3	Totals (1 + 2)	600,390	517,961	554,257	481,911	479,325	457,920
4	Industry - Hydro	30,527	30,788	39,277	32,488	32,975	36,538
5	Thermal	30,527	30,788	39,277	32,488	32,975	36,538
6	Totals (4 + 5)	61,054	61,576	78,554	64,976	65,950	73,076
7	Grand total - Hydro (1 + 4)	140,626	105,592	116,795	99,515	106,746	160,451
8	Thermal (2 + 5)	490,291	443,157	476,739	414,884	405,554	334,007
9	Total net generation (7 + 8)	630,917	548,749	593,534	514,399	512,300	494,458
10	Energy received from other provinces and imported:						
11	Received from other provinces	118	32	191	2,526	3,704	4,886
12	Imported from United States	-	-	-	-	-	-
13	Total supply of energy (9 + 12)	631,035	548,781	593,725	516,925	516,004	499,344
<u>Disposal of electric energy</u>							
Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	3,195	2,304	4,766	-	-	-
15	Secondary	-	-	-	-	-	-
16	Exported to United States - Firm	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	3,195	2,304	4,766	-	-	-
19	Total made available for use in Canada (13 - 18)	627,840	546,477	588,959	516,925	516,004	499,344
20	Energy used in own plant - Firm	40,791	40,654	50,399	44,016	44,249	45,513
21	Secondary	-	-	-	-	-	-
22	Total used in own plant (20 + 21)	40,791	40,654	50,399	44,016	44,249	45,513
23	Sales to ultimate customers:						
24	Power - Firm	202,846	177,489	189,766	174,478	200,192	178,850
25	Secondary	-	-	-	-	-	-
26	General service (commercial)	99,794	105,100	103,153	101,649	94,572	92,024
27	Domestic	133,848	134,265	115,140	113,408	82,397	74,036
28	Farm(1)	37,713	41,037	43,979	44,390	39,232	33,951
29	Street lighting	11,715	10,545	10,290	8,613	7,749	6,908
30	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	485,916	468,436	462,328	442,538	433,126	385,769
31	Unallocated energy (2)	89,524	26,888	65,773	21,248	29,845	59,941
32	Distribution by non-respondents	11,509	10,499	10,459	9,123	8,784	8,121
33	Total disposal of energy (18 + 22 + 29 + 30 + 31)	631,035	548,781	593,725	516,925	516,004	499,344

See footnotes on page 4.

No.	August	September	October	November	December	1967	1966
Supply of electric energy							
thousand kwh.							
Net Generation:							
1 Utilities - Hydro	110,601	97,181	80,202	88,895	124,295	1,435,867	1,425,419
2 Thermal	371,594	388,642	452,609	475,185	509,628	4,810,704	4,286,889
3 Totals (1 + 2)	482,195	485,823	532,811	564,077	633,923	6,246,571	5,712,308
4 Industry - Hydro	-	-	-	-	-	-	-
5 Thermal	41,867	44,163	44,092	45,887	38,477	455,693	386,531
6 Totals (4 + 5)	41,867	44,163	44,092	45,887	38,477	455,693	386,531
7 Grand total - Hydro (1 + 4)	110,601	97,181	80,202	88,895	124,295	1,435,867	1,425,419
8 Thermal (2 + 5)	413,461	432,805	496,701	521,065	548,105	5,266,397	4,673,420
9 Total net generation (7 + 8)	524,062	529,986	576,903	609,964	672,400	6,702,264	6,098,839
Energy received from other provinces and imported:							
10 Received from other provinces	4,603	2,899	3,377	1,611	715	28,596	19,211
11 Imported from United States	-	-	-	-	-	-	-
12 Total received from other provinces and imported (10 + 11)	4,603	2,899	3,377	1,611	715	28,596	19,211
13 Total supply of energy (9 + 12)	528,665	532,885	580,280	611,575	673,115	6,730,860	6,118,050
Disposal of electric energy							
Energy delivered to other provinces and exported:							
14 Delivered to other provinces - Firm	-	-	-	1,117	3,455	14,837	18,431
15 Secondary	-	-	-	-	-	-	-
16 Exported to United States - Firm	-	-	-	-	-	-	-
17 Secondary	-	-	-	-	-	-	-
18 Total delivered to other provinces and exported (14 + 15 + 16 + 17)	-	-	-	-	-	-	-
19 Total made available for use in Canada (13 - 18)	528,665	532,885	580,280	1,117	3,455	14,837	18,431
20 Energy used in own plant - Firm	52,088	54,139	54,943	610,458	669,660	6,716,023	6,099,619
21 Secondary	-	-	-	56,503	49,473	580,704	503,839
22 Total used in own plant (20 + 21)	52,088	54,139	54,943	56,503	49,473	580,704	503,839
Sales to ultimate customers:							
23 Power - Firm	210,693	188,834	192,680	200,368	199,078	2,278,657	2,189,006
24 Secondary	-	-	-	-	-	-	-
25 General service (commercial)	91,499	93,720	94,479	102,205	109,858	1,174,800	922,490
26 Domestic	78,166	78,407	92,956	105,786	122,907	1,222,697	1,169,006
27 Farm(1)	29,098	29,099	30,135	31,835	33,470	430,906	391,570
28 Street lighting	8,194	9,122	10,761	11,806	12,731	113,589	103,694
29 Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	417,650	399,182	421,011	452,000	478,044	5,220,649	4,775,766
30 Unallocated energy(2)	50,065	70,579	92,450	92,385	131,206	797,420	711,028
31 Distribution by non-respondents	8,862	8,985	11,876	9,570	10,937	117,250	108,986
32 Total disposal of energy (18 + 22 + 29 + 30 + 31)	528,665	532,885	580,280	611,575	673,115	6,730,860	6,118,050

See footnotes on page 4.

British Columbia 1967

- 23 -

No.		January	February	March	April	May	June	July
	<u>Supply of electric energy</u>							
	thousand kwh.							
1	Net generation:							
2	Utilities - Hydro	772,002	716,734	749,169	640,246	725,860	761,026	700,423
3	Thermal	241,397	218,632	247,896	223,566	163,341	105,893	118,698
4	Totals (1 + 2)	1,013,399	935,366	997,065	863,812	889,201	866,919	819,121
5	Industry - Hydro	784,620	695,766	772,616	739,943	729,978	692,795	721,887
6	Thermal	98,471	94,367	102,898	96,840	105,759	94,765	83,053
7	Totals (4 + 5)	883,091	790,133	875,514	836,783	835,737	787,560	804,940
8	Grand total - Hydro (1 + 4)	1,556,622	1,412,500	1,521,785	1,380,189	1,565,597	1,453,821	1,422,310
9	Thermal (2 + 5)	339,868	312,999	350,794	320,406	269,100	200,658	201,751
10	Total net generation (7 + 8)	1,896,490	1,725,499	1,872,579	1,700,595	1,834,697	1,654,479	1,624,061
11	Energy received from other provinces and imported:							
12	Received from other provinces	3,195	2,304	4,766	-	192,121	163,958	152,379
13	Imported from United States	103,245	96,400	110,340	170,882	192,121	163,958	152,379
	Total received from other provinces and imported (10 + 11)	106,440	98,704	115,106	170,882	192,121	163,958	152,379
	Total supply of energy (9 + 12)	2,002,930	1,824,203	1,987,685	1,871,477	2,026,818	1,818,437	1,776,440
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	189	32	191	2,526	3,704	3,934	4,886
16	Secondary	-	-	-	-	-	-	-
17	Exported to United States - Firm	283	235	280	230	247	225	333
18	Secondary	78,054	65,935	71,310	34,233	29,685	43,213	31,630
	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	78,526	66,202	71,781	36,989	33,636	47,372	36,849
19	Total made available for use in Canada (13 + 18)	1,924,404	1,758,001	1,915,904	1,834,488	1,885,423	1,771,065	1,739,591
20	Energy used in own plant - Firm	913,403	848,544	929,208	927,618	1,014,854	959,343	936,559
21	Secondary	-	-	-	-	-	-	-
22	Total used in own plant (20 + 21)	913,403	848,544	929,208	927,618	1,014,854	959,343	936,559
23	Sales to ultimate customers:							
24	Power - Firm	317,238	331,318	343,071	345,590	312,518	291,885	302,778
25	Secondary	1,252	1,607	1,613	1,060	1,992	1,992	1,156
26	General service (commercial)	219,501	205,466	202,043	201,577	196,637	187,086	184,673
27	Domestic	368,880	317,944	306,563	303,871	257,602	231,722	210,782
28	Farm (1)	-	-	-	-	-	-	-
29	Street lighting	11,622	10,142	9,940	8,277	7,243	6,347	6,741
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	918,493	866,477	863,230	860,375	775,448	719,032	706,130
30	Unallocated energy (2)	66,411	21,645	101,289	27,253	75,437	76,402	79,255
31	Distribution by non-respondents	26,097	21,335	22,177	19,242	17,684	16,288	17,647
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	2,002,930	1,824,203	1,987,685	1,871,477	2,026,818	1,818,437	1,776,440

See footnotes on page 4.

British Columbia 1967 - Concluded

- 24 -

No.		August	September	October	November	December	1967	1966
		Thousand kwh.						
	<u>Supply of electric energy</u>							
	Net generation:							
1	Utilities - Hydro	540,386	620,529	769,021	728,368	712,019	8,435,783	8,049,963
2	Thermal	290,864	209,163	216,272	293,356	340,709	2,669,787	2,756,534
3	Totals (1 + 2)	831,250	829,692	985,293	1,021,724	1,052,728	11,105,570	10,806,497
4	Industry - Hydro	738,001	712,051	732,448	775,963	819,379	8,935,447	8,897,992
5	Thermal	96,665	78,956	100,714	97,384	101,722	1,151,594	1,076,091
6	Totals (4 + 5)	834,666	791,007	833,162	873,347	921,101	10,087,041	9,974,083
7	Grand total - Hydro (1 + 4)	1,298,387	1,332,580	1,501,469	1,504,331	1,531,398	17,371,230	16,947,955
8	Thermal (2 + 5)	387,529	288,119	316,986	390,740	442,431	3,821,381	3,832,625
9	Total net generation (7 + 8)	1,685,916	1,620,699	1,818,455	1,895,071	1,973,829	21,192,611	20,780,580
	Energy received from other provinces and imported:							
10	Received from other provinces	-	123,197	-	1,117	3,455	14,837	18,431
11	Imported from United States	160,504	-	108,150	119,667	116,324	1,617,167	705,565
12	Total received from other provinces and imported (10 + 11)	160,504	123,197	108,150	120,784	119,779	1,632,004	723,996
13	Total supply of energy (9 + 12)	1,846,420	1,743,896	1,926,605	2,015,855	2,093,608	22,824,615	21,504,576
	<u>Disposal of electric energy</u>							
	Energy delivered to other provinces and exported:							
14	Delivered to other provinces - Firm	4,603	2,899	3,377	1,611	715	28,667	19,211
15	Secondary	-	-	-	322	375	3,412	2,796
16	Exported to United States - Firm	341	243	298	91,893	64,768	600,661	723,215
17	Secondary	17,852	26,034	46,054	-	-	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	22,796	29,176	49,729	93,826	65,858	632,740	745,222
19	Total made available for use in Canada (13 - 18)	1,823,624	1,714,720	1,876,876	1,922,029	2,027,750	22,191,875	20,759,354
20	Energy used in own plant - Firm	1,008,213	876,514	925,374	930,201	959,230	11,229,061	10,566,140
21	Secondary	-	-	-	-	-	-	334,329
22	Total used in own plant (20 + 21)	1,008,213	876,514	925,374	930,201	959,230	11,229,061	10,900,469
	Sales to ultimate customers:							
23	Power - Firm	284,707 ^F	300,376 ^F	308,449 ^F	322,203 ^F	303,644 ^F	3,763,777	3,308,190
24	Secondary	1,154 ^F	1,370 ^F	1,789 ^F	1,629 ^F	1,550 ^F	17,620	-
25	General service (commercial)	177,798	191,100	202,336	223,614	232,760	2,424,591	2,129,800
26	Domestic	204,502	225,179	256,613	300,118	338,140	3,321,916	3,064,699
27	Farm(1)	-	-	-	-	-	-	-
28	Street lighting	7,974	8,879	10,263	11,249	12,446	111,123	103,774
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	676,135	726,904	779,450	858,813	888,540	9,639,027	8,606,463
30	Unallocated energy(2)	120,755	93,844	150,042	108,914	153,939	1,075,186	1,021,501
31	Distribution by non-respondents	18,521	17,458	22,010	24,101	26,041	248,601	230,921
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	1,846,420	1,743,896	1,926,605	2,015,855	2,093,608	22,824,615	21,504,576

See footnotes on page 4.

No.		January	February	March	April	May	June	July
		thousand kWh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	24,066	22,004	23,784	21,523	20,422	17,130	14,372
3	Thermal	3,318	2,966	3,067	2,530	2,511	2,299	2,276
4	Totals (1 + 2)	27,384	24,970	26,851	24,053	22,933	19,429	16,648
5	Industry - Hydro	3,659	3,277	3,457	3,107	2,901	2,120	2,202
6	Thermal	-	-	-	-	-	-	-
7	Totals (4 + 5)	3,659	3,277	3,457	3,107	2,901	2,120	2,202
8	Grand total - Hydro (1 + 4)	27,725	25,281	27,241	24,630	23,323	19,250	16,574
9	Thermal (2 + 5)	3,318	2,966	3,067	2,530	2,511	2,299	2,276
10	Total net generation (7 + 8)	31,043	28,247	30,308	27,160	25,834	21,549	18,850
11	Energy received from other provinces	-	-	-	-	-	-	-
12	Received from United States	-	-	-	-	-	-	-
13	Total received from other provinces and imported (10 + 11)	-	-	-	-	-	-	-
	Total supply of energy (9 + 12)	31,043	28,247	30,308	27,160	25,834	21,549	18,850
	<u>Disposal of electric energy</u>							
14	Energy delivered to other provinces and exported:							
15	Delivered to other provinces - Firm	-	-	-	-	-	-	-
16	Secondary	-	-	-	-	-	-	-
17	Exported to United States - Firm	-	-	-	-	-	-	-
18	Secondary	-	-	-	-	-	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	-	-	-	-	-	-	-
20	Total made available for use in Canada (13 + 18)	31,043	28,247	30,308	27,160	25,834	21,549	18,850
21	Energy used in own plant - Firm	2,038	1,972	2,163	1,934	2,199	2,122	2,190
22	Secondary	828	1,379	2,750	1,319	861	20	30
	Total used in own plant (20 + 21)	2,866	3,351	4,913	3,253	3,060	2,142	2,220
23	Sales to ultimate customers:							
24	Power - Firm	10,694	9,681	10,676	9,545 ^r	10,738 ^r	9,909 ^r	8,795
25	Secondary	6,544	6,187	7,261	6,698	4,937	2,858 ^r	2,731
26	General service (commercial)	2,456	3,758	5,046	2,352	2,343	3,695	1,921
27	Domestic	1,885	2,698	3,486	1,600	1,684	2,452	1,209
28	Farm (1)	-	-	-	-	-	-	-
29	Street lighting	151	86	179	202	46	51	46
	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	21,730	22,410	26,648	20,397 ^r	19,748 ^r	18,965 ^r	14,202
30	Unallocated energy (2)	4,929	1,099	- 2,676	2,313 ^r	1,955 ^r	-	1,540
31	Distribution by non-respondents	1,518	1,387	1,423	1,197	1,071	981	888
32	Total disposal of energy (18 + 22 + 29 + 30 + 31)	31,043	28,247	30,308	27,160	25,834	21,549	18,850

See footnotes on page 4.

Supply and Disposal of Electric Energy - Concluded

Yukon and N. W. T. 1967 - Concluded

No.		August	September	October	November	December	1967	1966
		thousand kwh.						
	<u>Supply of electric energy</u>							
1	Net generation:							
2	Utilities - Hydro	15,789	16,970	19,550	21,221	25,068	241,999	224,463
3	Thermal	2,331	2,708	3,075	3,339	3,805	34,225	29,321
4	Totals (1 + 2)	18,120	19,678	22,625	24,560	28,873	276,224	253,784
5	Industry - Hydro	2,196	2,150	2,214	2,135	2,206	31,624	46,735
6	Thermal	2,196	-	-	-	-	-	-
7	Totals (4 + 5)	4,392	2,150	2,214	2,135	2,206	31,624	46,735
8	Grand total - Hydro (1 + 4)	17,985	19,120	21,864	23,356	27,274	273,623	271,198
9	Thermal (2 + 5)	2,331	2,708	3,075	3,339	3,805	34,225	29,321
10	Total net generation (7 + 8)	20,316	21,828	24,939	26,695	31,079	307,848	300,519
11	Energy received from other provinces and imported:	-	-	-	-	-	-	-
12	Received from United States	-	-	-	-	-	-	-
13	Total received from other provinces and imported (10 + 11)	-	-	-	-	-	-	-
14	Total supply of energy (9 + 12)	20,316	21,828	24,939	26,695	31,079	307,848	300,519
	<u>Disposal of electric energy</u>							
15	Energy delivered to other provinces and exported:							
16	Delivered to other provinces - Firm	-	-	-	-	-	-	-
17	Secondary	-	-	-	-	-	-	-
18	Exported to United States - Firm	-	-	-	-	-	-	-
19	Secondary	-	-	-	-	-	-	-
20	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	-	-	-	-	-	-	-
21	Total made available for use in Canada (13 - 18)	20,316	21,828	24,939	26,695	31,079	307,848	300,519
22	Energy used in own plant - Firm	2,181	2,137	2,214	2,135	2,206	31,624	46,735
23	Secondary	41	52	69	114	76	7,442	6,715
24	Total used in own plant (20 + 21)	2,222	2,204	2,283	2,249	2,282	39,066	53,450
25	Sales to ultimate customers:							
26	Power - Firm	9,410	9,502	10,187	9,340	12,376	121,248	119,047
27	Secondary	2,789	2,803	2,854	2,801	3,337	30,553	31,711
28	General service (commercial)	2,472	2,213	2,342	2,242	2,564	36,743	31,976
29	Domestic	1,336	1,698	1,355	1,331	1,360	25,252	22,042
30	Street lighting	-	-	-	-	-	-	-
31	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	16,237	17,772	17,504	14,914	20,237	1,012	640
32	Unallocated energy (2)	93	807	5,071	9,338	26,896	240,508	225,416
33	Distribution by non-residents	924	1,065	1,284	1,168	1,367	14,558	17,284
34	Total disposal of energy (18 + 22 + 29 + 30 + 31)	20,316	21,828	24,939	26,695	31,079	307,848	300,519

See footnotes on page 4.

Catalogue No. 57-002
Vol. 3 No. 37

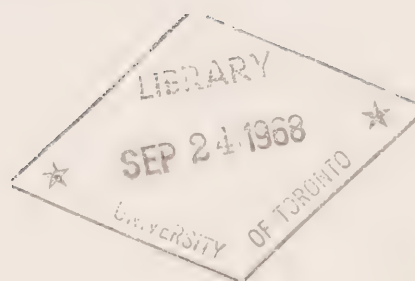
September 10, 1968

Preliminary(1) Report on Coal Production

July 1968

Preliminary coal production for the month of July 1968 amounted to 737,097 tons, an increase of 35.7% from the July 1967 preliminary production of 543,168 tons. Landed imports were 1,253,196 tons compared with 1,920,019 tons for the same period last year.

6503-521



Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
net tons of 2,000 pounds				
<u>July</u>				
Newfoundland	-	-	-	-
Nova Scotia	263,904	38,525	235,276	17,506
New Brunswick	66,757	242	66,809	47
Quebec	-	49,814	-	71,551
Ontario	-	1,831,125	-	1,163,648
Manitoba	-	-	-	262
Saskatchewan	53,229	202	132,400	182
Alberta - Bituminous	41,075	-	68,936	-
Sub-bituminous	78,580	-	192,899	-
British Columbia and Yukon ..	39,623	111	40,777	-
Canada totals	543,168	1,920,019	737,097	1,253,196

Seven months ended July

Newfoundland	-	9,080	-	5,874
Nova Scotia	2,302,167	201,482	1,911,047	313,985
New Brunswick	462,097	649	431,085	496
Quebec	-	362,538	-	318,587
Ontario	-	7,397,520 ^r	-	6,680,550
Manitoba	-	1,773	-	1,215
Saskatchewan	1,099,530	851	1,371,351	1,520
Alberta - Bituminous	498,091	-	557,497	-
Sub-bituminous	1,321,445	-	1,588,285	-
British Columbia and Yukon ..	524,236	412	532,998	207
Canada totals	6,207,566	7,974,305 ^r	6,392,263	7,322,434

- (1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.
 - (2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.
 - (3) All figures are preliminary.
- ^r Revised figures.

SERVICE BULLETIN

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ENERGY STATISTICS

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002
Vol. 3, No. 38

September 13, 1968

Preliminary Electric Energy Statistics, July 1968

Catalogue No. 57-001

Net generation of electric energy increased 8.1% to 13,453,789 thousand Kwh. in July 1968 from 12,448,213 thousand Kwh. in July 1967. This is the largest percentage increase in generation since February 1967.

Imports, exports and secondary energy consumption all continued their downward trend. As a result, firm energy consumption increased 8.8% over June 1967.

Total net generation for the 12 month period ending July 31, 1968 amounted to 170,263,507 thousand Kwh.

6503-521



B.S. Regional Offices — St. Johns • Halifax • Montreal • Toronto • Winnipeg • Edmonton • Vancouver

DOMINION BUREAU OF STATISTICS

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Preliminary Electric Energy Statistics

(thousand Kwh)

	July		
	1966	1967	1968
Generation - Hydro	10,046,888 ^r	10,517,165 ^r	10,780,553
Thermal	1,760,423 ^r	1,931,048 ^r	2,673,236
Total net generation	11,807,311 ^r	12,448,213 ^r	13,453,789
Energy imported from U.S.A.	312,122	343,905	222,546
Energy exported to U.S.A.:			
.....	44,398	43,816	57,330
.....	285,435	277,826	165,750
Total exported to U.S.A.	329,833	321,642	223,080
Energy used in Canada	11,789,600 ^r	12,470,476 ^r	13,453,255
Energy used in Canada	224,681 ^r	112,402 ^r	86,022
Energy used in Canada	11,564,919 ^r	12,358,074 ^r	13,367,233

sed figures.

Catalogue No. 57-002
Vol 3, No. 39

September 23, 1968

Refined Petroleum Products, June 1968

Production of refined petroleum products increased 2.7% in June to 34,278,413 from 33,387,989 in the same month last year, according to an advance release of data that will be contained in the June issue of the D.B.S. report "Refined Petroleum Products". Catalogue No. 45-004.

Receipts of crude oil fell 0.6% in June to 32,465,129 barrels from 32,657,147 a year earlier. There was 0.3% less domestic crude at 19,288,916 barrels versus 19,343,000 and 0.1% less imported crude at 13,176,213 versus 13,314,147. Domestic disappearance of finished petroleum products decreased 2.9% to 34,201,173 barrels from 35,232,430 in the same month last year.

Sales of petroleum products in June decreased 3.5% from last year but, sales for the first six months of 1968 are up 5.4% over the same period in 1967; an increase of 8.4% was noted for the first six months of 1967 over the previous year.

Inventories of all products were 80.0 million barrels at the end of June 1968; an increase of 4.5 million barrels over June 1967 and 6.4 million barrels over June 1966.

6503-521

Refinery Production in Canada of Selected Petroleum Products, June 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadians gallons								
Newfoundland	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	1,092,798	321,391	(2)	867,205	914,801	3,819,481	17,993,755	19,396,594
Quebec	3,188,800	427,676	1,065,715	1,952,431	2,266,992	10,733,980	66,752,023	58,741,500
Ontario	3,787,348	353,542	935,021	1,562,779	1,638,450	9,974,217	60,757,508	56,139,165
Manitoba	582,970	81,046	153,893	29,659	88,162	1,281,063	7,893,651	8,979,119
Saskatchewan	916,179	132,017	416,640	166,327	124,846	1,972,832	11,276,146	11,636,257
Alberta	1,369,497	34,399	851,861	76,543	184,528	3,167,701	18,070,746	17,690,890
British Columbia	1,337,112	99,165	859,961	95,449	349,475	1,254,731	20,250,831	28,789,952
North West Territories and Yukon	10,158	-	- 1,248	23,757	23,222	74,418	312,631	344,114
Canada Totals	12,234,862	1,449,236	4,281,843	4,774,150	5,590,576	24,278,413	-	-
Canada cumulative 1968 ...	90,778,806	10,310,019	23,358,326	32,933,841	37,234,822	-	203,067,291	-
Canada cumulative 1967 ...	66,573,354	10,177,984	21,776,524	30,094,288	33,311,443	-	-	189,716,791

(1) Included with Maritimes.

(2) Included with Quebec.

IMPORTS Into Canada of Selected Petroleum Products, June 1968

- 3 -

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Atlantic Provinces	67,259	29,166	148,703	320,021	458,950	1,197,442
Quebec	327,297	33,304	438,369	610,675	1,706,759	3,625,967
Ontario	53	627	97,820	44,378	202,347	574,750
All other	351	259	- 998	-	316,217	348,430
Canada totals	394,960	63,356	683,894	975,074	2,684,273	5,746,589

EXPORTS of Selected Petroleum Products, June 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Atlantic Provinces	-	-	-	-	-	23
Quebec	-	-	6,091	-	18,069	25,799
Ontario	-	4,206	-	32,350	3,166	77,580
All other	115,088	18,251	2,916	14,404	918	208,053
Canada totals	115,088	22,457	9,007	46,754	22,153	311,455

NET SALES in Canada of Selected Petroleum Products, June 1968

- 4 -

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products	Total All Products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadian gallons								
Newfoundland	184,008	68,469	200,874	109,600	376,968	999,127	5,869,221	5,589,262
Maritimes	835,283	136,421	318,461	274,346	888,674	2,821,558	21,483,206	19,572,928
Quebec	3,306,670	104,986	695,338	677,045	2,701,846	9,264,464	69,965,141	65,347,116
Ontario	4,714,394	56,565	772,290	942,469	1,733,628	10,234,470	75,643,258	72,722,554
Manitoba	635,334	17,826	275,518	33,436	30,456	1,198,117	7,712,850	7,616,868
Saskatchewan	854,167	15,288	474,642	22,503	28,961	1,637,557	8,849,484	8,641,777
Alberta	1,202,575	13,539	528,924	17,679	95,655	2,284,557	12,507,210	11,752,504
British Columbia	1,261,940	70,030	570,777	143,143	688,498	3,204,373	21,447,236	20,910,269
North West Territories and Yukon	16,652	1,717	23,803	11,923	23,464	98,270	471,641	387,361
Canada Totals	13,011,023	484,841	3,860,627	2,232,144	6,568,150	31,742,493	-	-
Canada cumulative 1968 ..	69,915,436	10,782,671	20,049,735	53,844,440	46,284,190	-	223,949,247	-
Canada cumulative 1967 ..	65,124,761	10,728,314	19,324,606	50,813,069	44,063,476	-	-	212,540,639

Catalogue No. 57-002
Vol. 3, No. 40

September 30, 1968

CONTENTS

	Page
1. Receipts and Disposition of Natural Gas Utilities by Province, 1967 and 1966	1
2. Natural Gas Pipeline Mileage by Province, 1960-67	6
3. Coal and Coke Statistics, July 1967	8

1. Receipts and Disposition of Natural Gas Utilities by Province, 1967 and 1966. Catalogue No. 57-205

During 1967, natural gas utilities received 1,217.7 billion cubic feet from fields, and gas processing plants, up 10% from the 1,106.6 billion in 1966. Imports increased to 70.5 billion cubic feet from 44.6 billion. Other receipts, including liquefied petroleum gases used for peak shaving and other temporary uses, increased to 68.9 million cubic feet from the previous year's 22.4 million.

Receipts from storage during 1967 amounted to 47.8 billion cubic feet, up from 35.5 billion in 1966. Deliveries to storage remained almost unchanged at 52.6 billion cubic feet.

Receipts and Disposition of Natural Gas Utilities by Province, 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	101,918	59,129	14,154,115
2b	Processing plants	-	-	-
3	Total (1 + 2)	101,918	59,129	14,154,115
4	Imports	-	-	-
5	Other receipts(1)	-	-	70,356,754
6	Total net receipts (3 + 4 + 5)	101,918	59,129	84,510,869
7	Received from storage	-	-	42,426,726
9	Total supply of gas utilities (6 + 7)	101,918	59,129	126,937,595
	Transfers from:			
11	Other provinces	-	36,958,590	268,837,507
12	Distribution to transport (primary)	-	-	4,905,178
13	Other gas utilities	-	33,085,338	348,678,936
19	Total gross receipts (9 + 11 + 12 + 13) ...	101,918	70,103,057	749,359,216
	<u>Disposition</u>			
	Sales:			
20	Residential	41,005	10,141,463	88,888,022
21	Industrial	-	20,266,363	139,367,335
22	Commercial	21,019	4,880,911	50,862,654
30	Total sales (20 + 21 + 22)	62,024	35,288,737	279,118,011
31	Exports	-	612,722	3,993,845
32	Other deliveries	-	-	37,229
33	Total net deliveries (30 + 31 + 32)	62,024	35,901,459	283,149,085
34	Delivered to storage	-	-	45,762,741
35	Line pack fluctuation	-	14,848	- 33,506
36	Gas used in system	663	162,248	23,598,287
37	Line losses and unaccounted for	39,231	939,164	6,339,905
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	101,918	37,017,719	358,816,512
	Transfers to:			
40	Other provinces	-	-	36,958,590
41	Distribution by transport (primary)	-	33,085,338	257,897,721
42	Other gas utilities	-	-	95,686,393
49	Total disposition (39 + 40 + 41 + 42)	101,918	70,103,057	749,359,216

(1) Includes peak shaving and enrichment.

Receipts and Disposition of Natural Gas Utilities by Province 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	No.
-	-	73,402,688	5,343,282	78,745,970	1a
-	-	681,147,220	191,373,001	872,520,221	1b
-	18,230,074	83,860,999	-	116,406,235	2a
-	20,630,520	128,544,406	822,397	149,997,323	2b
-	38,860,594	966,955,313	197,538,680	1,217,669,749	3
-	-	106,098	-	70,462,852	4
40,387	-	-	28,495	68,882	5
40,387	38,860,594	967,061,411	197,567,175	1,288,201,483	6
-	3,097,695	2,243,335	-	47,767,756	7
40,387	41,958,289	969,304,746	197,567,175	1,335,969,239	9
400,841,183	442,721,914	-	284,433,109	...	11
-	33,363,823	15,796,621	-	54,065,622	12
42,149,287	31,805,439	52,339,780	77,463,570	585,522,350	13
443,030,857	549,849,465	1,037,441,147	559,463,854	1,975,557,211	19
16,977,326	20,117,208	47,460,117	20,379,395	204,004,536	20
12,620,114	37,254,530	107,092,913	42,729,977	359,331,232	21
12,114,162	11,181,845	40,644,919	11,981,396	131,686,906	22
41,711,602	68,553,583	195,197,949	75,090,768	695,022,674	30
83,718,265	-	30,771,471	394,135,080	513,231,383	31
-	-	964,322	-	1,001,551	32
125,429,867	68,553,583	226,933,742	469,225,848	1,209,255,608	33
-	3,767,313	3,108,655	-	52,638,709	34
- 51,325	- 151,887	3,432	- 143,914	- 362,352	35
5,131,465	10,659,979	5,125,723	10,741,602	55,419,967	36
1,534,056	1,010,032	6,978,171	2,176,748	19,017,307	37
132,044,063	83,839,020	242,149,723	482,000,284	1,335,969,239	39
268,837,507	400,841,183	727,155,023	-	...	40
42,149,287	31,805,439	7,251,377	76,499,333	448,688,495	41
-	33,363,823	60,885,024	964,237	190,899,477	42
443,030,857	549,849,465	1,037,441,147	559,463,854	1,975,557,211	49

Receipts and Disposition of Natural Gas Utilities by Province, 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	95,048	-	15,537,395
2b	Processing plants	-	-	-
3	Total (1 + 2)	95,048	-	15,537,395
4	Imports	-	-	44,499,869
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	95,048	-	60,037,264
7	Received from storage	-	-	30,960,844
9	Total supply of gas utilities (6 + 7)	95,048	-	90,998,108
	Transfers from:			
11	Other provinces	-	34,468,746	267,047,985
12	Distribution to transport (primary)	-	-	990,469
13	Other gas utilities	-	33,424,743	334,471,205
19	Total gross receipts (9 + 11 + 12 + 13) ...	95,048	67,893,489	693,507,767
	<u>Disposition</u>			
	Sales:			
20	Residential	48,305	9,980,923	81,186,741
21	Industrial	-	19,452,646	116,143,446
22	Commercial	13,732	3,087,253	42,754,684
30	Total sales (20 + 21 + 22)	62,037	32,520,822	240,084,871
31	Exports	-	270,303	3,370,869
32	Other deliveries	-	-	14,532
33	Total net deliveries (30 + 31 + 32)	62,037	32,791,125	243,470,272
34	Delivered to storage	-	-	49,274,960
35	Line pack fluctuation	-	- 1,424	99,187
36	Gas used in system	760	87,387	24,402,295
37	Line losses and unaccounted for	32,251	1,591,658	6,330,633
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,048	34,468,746	323,577,347
	Transfers to:			
40	Other provinces	-	-	34,468,746
41	Distribution by transport (primary)	-	33,424,743	231,606,903
42	Other gas utilities	-	-	103,854,771
49	Total disposition (39 + 40 + 41 + 42)	95,048	67,893,489	693,507,767

(1) Includes peak shaving and enrichment.

Receipts and Disposition of Natural Gas Utilities by Province 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	No.
Mcf.					
-	-	80,730,101	4,117,689	84,847,790	1a
-	2,646,263	615,608,848	155,522,719	773,777,830	1b
-	17,429,474	80,702,883	1,975	113,766,775	2a
-	19,135,225	114,263,139	804,644	134,203,008	2b
-	39,210,962	891,304,971	160,447,027	1,106,595,403	3
-	-	107,036	-	44,606,905	4
18,902	-	-	3,495	22,397	5
18,902	39,210,962	891,412,007	160,450,522	1,151,224,705	6
-	2,921,081	1,603,311	-	35,485,236	7
18,902	42,132,043	893,015,318	160,450,522	1,186,709,941	9
388,903,989	423,715,818	18,229	241,404,808	...	11
-	17,977,777	13,057,113	-	32,025,359	12
38,728,532	33,309,490	51,464,151	76,135,549	567,533,670	13
427,651,423	517,135,128	957,554,811	477,990,879	1,786,268,970	19
15,694,100	19,817,001	48,782,947	19,750,839	195,260,856	20
10,789,452	34,535,469	97,477,052	46,133,625	324,531,690	21
11,133,661	10,656,203	38,588,264	9,488,279	115,722,076	22
37,617,213	65,008,673	184,848,263	75,372,743	635,514,622	30
77,147,668	-	31,120,965	319,908,386	431,818,191	31
-	-	2,766,806	-	2,781,338	32
114,764,881	65,008,673	218,736,034	395,281,129	1,070,114,151	33
-	2,189,028	1,086,362	-	52,550,350	34
60,911	268,859	4,967	- 66,271	366,229	35
5,838,531	10,911,878	3,038,361	6,074,460	50,353,672	36
1,210,583	- 1,452,795	5,047,197	566,012	13,325,539	37
121,874,906	76,925,643	227,912,921	401,855,330	1,186,709,941	39
267,047,985	388,922,218	665,120,626	-	...	40
38,728,532	33,327,561	14,411,339	74,334,842	425,833,920	41
-	17,959,706	50,109,925	1,800,707	173,725,109	42
427,651,423	517,135,128	957,554,811	477,990,879	1,786,268,970	49

2. Natural Gas Pipe Line Mileage by Province, 1960-67,

Catalogue No. 57-205

Total mileage of all natural gas pipe lines in 1967, including lines operated by producing and gas processing companies, amounted to 48,294.6 miles, up 2,312.6 miles from the previous year. Gathering pipe lines totalled 5,376.4 miles (up 57.0): Transmission pipe lines increased to 15,613.4 miles (up 678.9): and distribution lines rose to 27,304.8 miles (up 1,576.7).

GAS UTILITIES

Natural Gas Pipe Line Mileage by Province, as at December 31, 1960-67(1)

	1960	1961	1962	1963	1964	1965	1966	1967
miles								
<u>Gathering</u>								
New Brunswick	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Quebec	-	-	-	-	-	-	-	1.3
Ontario	909.5	1,313.9	1,314.6	1,048.9	1,042.5	1,101.6	1,166.6	1,163.0
Manitoba	-	-	-	-	-	-	-	-
Saskatchewan	286.3	274.5	297.5	308.5	388.8	559.4	683.5	714.2
Alberta	2,067.6	2,439.5	2,540.0	2,919.6	3,070.7	3,119.9	2,978.4	2,978.9
British Columbia	410.4	429.4	409.1	409.0	409.1	418.4	484.5	512.6
Totals	3,680.3	4,463.7	4,567.6	4,692.4	4,917.5	5,205.7	5,319.4	5,376.4
<u>Transmission</u>								
New Brunswick	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
Quebec	25.0	25.0	25.0	25.0	25.0	25.0	112.2	120.7
Ontario	3,565.9	3,135.0	3,140.7	3,265.1	3,365.4	3,389.9	3,479.2	3,558.4
Manitoba	444.0	456.9	496.0	631.1	731.4	919.3	956.4	1,021.9
Saskatchewan	2,102.5	2,274.3	2,566.0	2,831.8	3,081.0	3,288.2	3,628.8	3,911.4
Alberta	3,452.5	4,087.5	4,293.1	4,310.5	4,775.5	5,019.3	5,165.0	5,327.3
British Columbia	1,112.3	1,224.7	1,310.4	1,311.5	1,319.0	1,551.0	1,579.5	1,660.3
Totals	10,715.6	11,216.8	11,844.6	12,388.4	13,310.7	14,206.1	14,934.5	15,613.4
<u>Distribution</u>								
New Brunswick	32.1	32.3	32.3	32.4	32.5	32.4	32.4	32.4
Quebec	1,115.1	1,123.6	1,143.9	1,202.5	1,262.7	1,295.4	1,360.7	1,417.0
Ontario	9,528.8	10,183.9	10,864.9	11,700.3	12,296.6	12,699.3	13,315.3	13,737.2
Manitoba	833.8	853.6	946.5	1,117.1	1,178.6	1,354.3	1,343.5	1,443.1
Saskatchewan	1,205.3	1,272.8	1,425.0	1,535.9	1,636.5	1,740.3	1,788.6	1,913.6
Alberta	2,675.6	2,895.7	3,099.6	3,224.2	3,383.4	3,486.9	3,623.2	4,295.4
British Columbia	3,028.3	3,182.8	3,427.5	3,646.7	3,843.3	4,052.5	4,264.4	4,466.1
Totals	18,419.0	19,544.7	20,939.7	22,459.1	23,633.6	24,661.1	25,728.1	27,304.8
<u>Totals</u>								
New Brunswick	52.0	52.1	52.1	52.2	52.3	52.2	52.2	52.2
Quebec	1,140.1	1,148.6	1,168.9	1,227.5	1,287.7	1,320.4	1,472.9	1,539.0
Ontario	14,004.2	14,632.8	15,320.2	16,014.3	16,704.5	17,190.8	17,961.1	18,458.6
Manitoba	1,277.8	1,310.5	1,442.5	1,748.2	1,910.0	2,273.6	2,299.9	2,465.0
Saskatchewan	3,594.1	3,821.6	4,288.5	4,676.2	5,106.3	5,587.9	6,100.9	6,539.2
Alberta	8,195.7	9,422.7	9,932.7	10,454.3	11,229.6	11,626.1	11,766.6	12,601.6
British Columbia	4,551.0	4,836.9	5,147.0	5,367.2	5,571.4	6,021.9	6,328.4	6,639.0
Totals	32,814.9	35,225.2	37,351.9	39,539.9	41,861.8	44,072.9	45,982.0	48,294.6

(1) Includes pipe line mileage of producing and processing companies.

3. Coal and Coke Statistics, July 1968, Catalogue No. 45-002

Coal production for the month of July 1968 amounted to 742,563 tons an increase of 31.6% from the July 1967 production of 564,351 tons, while landed imports were 1,253,196 tons compared with 1,920,019 tons for the month of July 1967. Consumption by industrial consumers amounted to 1,121,865 tons of coal and 507,882 of coke, an increase of 146,876 tons of coal and an increase of 53,899 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 5,349,994 tons from 5,882,972 tons in July 1967.

Coke production during the month of July 1968, increased to 461,344 tons from 376,389 tons in July 1967, while coke used in blast furnaces increased to 393,615 tons from 324,845 tons during the same period.

Coal and Coke Statistics

July 1968

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	235,199	17,506	280,453	63,431	11,835	40,066	-
New Brunswick	69,830	47	66,441	49,040	64,359	-	-
Quebec	-	71,551	-	96,768	267,389	54,088	120,343
Ontario	-	1,163,648	-	595,647	4,415,688	388,043	109,809
Manitoba	-	262	-	21,692	111,734	81	740
Saskatchewan	132,401	182	131,711	95,366	174,474	-	-
Alberta	263,055	-	278,733	191,020	27,817	183	176
British Columbia and Yukon	42,078	-	86,995	8,901	11,175	25,421	34,455
Total Canada 1968	742,563	1,253,196	844,333	1,121,865	5,084,471	507,882	265,523
Total Canada 1967	564,351	1,920,019	601,523	974,989	5,620,423	453,983	262,549

Catalogue No. 57-002
Vol. 3, No. 41

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CONTENTS

	Page
1. Sales of Natural Gas, July 1968	1
2. Preliminary Report on Coal Production, August 1968 ...	3
3. Electricity Bills for Domestic, Commercial & Small Power Service, 1967	4

1. Sales of Natural Gas July 1968

Total sales of natural gas to Canadian consumers by distributors for July 1968 were 40,732,647 Mcf. This was an increase of 17.1% over the same month last year. Revenue from sales was \$21,685,574.

Sales to residential customers accounted for 13.1%, to industrial customers 76.4%, and to commercial customers 10.5%.

Exports of natural gas to U.S.A. exceeded these sales by 5,673,237 Mcf.

6503-521

Sales of Natural Gas, July 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	126	1,840	2,648	9,441
Quebec	93,303	198,659	223,879	735,019
Ontario	548,174	679,572	2,328,996	3,125,686
Manitoba	101,056	103,547	373,954	448,073
Saskatchewan	113,086	118,602	498,512	597,511
Alberta	250,348	252,803	1,347,267	1,124,381
British Columbia	171,746	191,005	552,743	915,188
Canada	1,277,839	1,546,028	5,327,999	6,955,299
Industrial:				
New Brunswick	-	-	-	-
Quebec	-	-	-	-
Ontario	2,255	2,255	2,490,116	1,106,654
Manitoba	60,129	60,129	12,154,385	6,332,249
Saskatchewan	289	289	978,084	206,196
Alberta	603	603	3,245,505	819,467
British Columbia	901	901	8,093,916	1,496,101
Canada	312	312	4,162,477	1,267,923
Firm		64,489	31,124,483	11,228,590
Interruptible		63,336	17,916,204	7,226,805
		1,153	13,208,279	4,001,785
Commercial:				
New Brunswick	60	60	1,171	2,671
Quebec	10,238	10,238	232,630	303,897
Ontario	7,378	7,378	1,631,519	1,626,701
Manitoba	9,253	9,253	258,754	291,145
Saskatchewan	16,008	16,008	259,360	188,198
Alberta	28,452	28,452	1,370,850	577,319
British Columbia	24,284	24,284	525,881	511,754
Canada		95,673	4,280,165	3,501,685
Total sales:				
New Brunswick	1,900	1,900	3,819	12,112
Quebec	211,152	211,152	2,946,625	2,145,570
Ontario	747,079	747,079	16,114,900	11,084,636
Manitoba	113,089	113,089	1,610,792	945,414
Saskatchewan	135,213	135,213	4,003,377	1,605,176
Alberta	282,156	282,156	10,812,033	3,197,801
British Columbia	215,601	215,601	5,241,101	2,694,865
Canada		1,706,190	40,732,647	21,685,574
Total exports			46,405,884	11,841,984
Total imports			9,174,890	4,144,434

(1) Contains estimates.

2. Preliminary(1) Report on Coal Production

August 1968

Preliminary coal production for the month of August amounted to 683,592 tons, a decrease of 8.2% from the August 1967 preliminary production of 744,644 tons. Landed imports were 2,749,664 tons compared with 1,846,069 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
	net tons of 2,000 pounds			
<u>August</u>				
Newfoundland	-	-	-	-
Nova Scotia	198,070	-	165,966	17,787
New Brunswick	77,585	97	67,527	209
Quebec	-	67,134	-	119,102
Ontario	-	1,778,511	-	2,612,249
Manitoba	-	133	-	154
Saskatchewan	115,765	164	114,573	163
Alberta - Bituminous	96,266	-	64,876	-
Sub-bituminous	154,916	-	181,065	-
British Columbia and Yukon ..	102,042	30	89,585	-
Canada totals	744,644	1,846,069	683,592	2,749,664
<u>Eight months ended August</u>				
Newfoundland	-	9,080	-	5,874
Nova Scotia	2,500,237	201,482	2,077,013	331,772
New Brunswick	539,682	746	498,612	705
Quebec	-	429,672	-	437,689
Ontario	-	9,176,031 ^r	-	9,292,799
Manitoba	-	1,906	-	1,369
Saskatchewan	1,215,295	1,015	1,485,924	1,683
Alberta - Bituminous	594,357	-	622,373	-
Sub-bituminous	1,476,361	-	1,769,350	-
British Columbia and Yukon ..	626,278	442	622,583	207
Canada totals	6,952,210	9,820,374 ^r	7,075,855	10,072,098

- (1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.
 - (2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.
 - (3) All figures are preliminary.
- ^r Revised figures.

3. Electricity Bills for Domestic, Commercial & Small Power Service, 1967

The 1967 Electricity Bills Report (details are contained in Catalogue No. 57-203 which will be released in about two months) is based on rate tables supplied by the power companies and municipalities responsible for the distribution of electric energy in 174 Canadian cities and towns. It consists of the actual cost to consumers of definite quantities of electricity for specific uses. The cost to the consumers includes not only the amounts accruing to the distributor but also all federal, provincial and municipal taxes on such purchases. Discounts for prompt payment have been deducted from gross bills wherever granted.

Salient Features of 1967 Report.

Domestic Service Index:

1967 compares with 1966 as follows:

Index reduced:

Alberta 111.2 to 106.2

Index increased:

Newfoundland 102.3 to 103.4

Quebec 100.0 to 125.6

Ontario 134.1 to 140.5

British Columbia 107.0 to 129.4

Index unchanged at:

Prince Edward Island 102.2

Nova Scotia 116.3

New Brunswick 98.7

Manitoba 104.3

Saskatchewan 93.7

The overall index for Canada showed an increase from 114.4^r to 125.3.

Annual Index(1) of Electricity Bills for Domestic Service by Province, 1960-1967

(1949=100)

Province	1960	1961	1962	1963	1964	1965	1966	1967
Newfoundland	102.3	102.3	102.3	102.3	102.3	102.3	102.3	103.4
Prince Edward Island	103.4	103.4	103.4	103.4	102.2	102.2	102.2	102.2
Nova Scotia	123.0	126.9	126.9	116.3 ^r	116.3 ^r	116.3 ^r	116.3 ^r	116.3
New Brunswick	102.4	102.0	101.8	101.8	101.8	98.7	98.7	98.7
Quebec	101.4	101.4	101.2	99.6	100.2	100.0	100.0	125.6
Ontario	130.8	131.9	130.9	130.3	130.8	130.0	134.1	140.5
Manitoba	98.3	98.3	98.3	98.3	104.3	104.3	104.3	104.3
Saskatchewan	95.7	97.7	99.4	99.4	98.2	93.7	93.7	93.7
Alberta	106.9	109.6	109.6	109.6	111.5	111.5	111.2	106.2
British Columbia	143.5	143.5	128.2	124.3	124.2	107.0	107.0	129.4
Canada	117.8	118.5	116.6	114.9 ^r	115.7 ^r	114.0 ^r	114.4 ^r	125.3

(1) Based on electricity rates in effect December 31 each year.

^r Revised figures.



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Price Indexes of Electric Utility Construction

(Reference - July 1968 Prices and Price Indexes
Catalogue No. 62-002)

Distribution Systems
Transmission Lines
Transformation & Switching Stations

1961=100

The base-weighted price indexes of the cost of constructing electrical utility distribution systems, transmission lines and transformation and switching stations in Canada express prices in a given year for materials, labour and equipment as a percentage of prices for the same components of cost in the base year 1961. Annual commodity, group and total indexes are presented herein for distribution systems, transmission lines and transformation and switching stations. Other than as noted below indexes from 1956 to 1965 remain unchanged; the 1966 preliminary indexes, published in the August 1967 issue of "Prices and Price Indexes" have been reviewed and revised; the 1967 indexes are provided as preliminary estimates.

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At the aggregative level, the impact on the index of the revisions described below has been such that the levels of the indexes have been lowered somewhat. (The revisions have left the basic methodology of the index construction, described in DBS publication 62-526, unchanged.) Due to the introduction of a new wage rate sample, distribution systems and transmission lines indexes have been lowered from 1965 forward. For transformation and switching stations the wage rate component underwent similar revision but in addition, revisions of more consequence were made to the materials and equipment components. The power transformer data have been revised from 1956 forward as have the in-place construction indexes. Other commodities such as ready-mix concrete, and switchgear and protective equipment were revised from 1962 and 1966 respectively.

As noted, all indexes were affected when wage rate data supplied by the Labour Standards Branch of the Federal Department of Labour were replaced by union basic wage rates collected from major utilities and from a few contractors specializing in electric utility construction. In addition to providing wage rate data more applicable to electric utility experience, the new sample provides greater regional coverage within most provinces. For this reason the indexes are now described to relate to the provinces instead of to a sample of cities as previously. Samples selected are thought to relate adequately to union own-account and contract construction and to rural and urban construction with the exception of wage rates for transmission lines. Further improvements to the transmission lines price samples will be made for Ontario, Alberta and Newfoundland in 1968 which will improve sample coverage for rural and non-union wage rates from 1968 onwards. Further details of the revisions are given in footnotes to the tables.

Characteristics of Recent Price Movement

Sharp increases in the demand for capital goods which were a feature of the economy in 1965 and 1966 terminated in 1967 when total demand for capital goods held close to their high 1966 levels. This change was accompanied by declines in employment in the construction industry. However, because of future anticipated needs for increased generating capacity and because of the continuing growth of electric utility production, expenditures for electric utility plant have continued to be heavy and, although the rate of increase in 1967 expenditure was reduced compared to that of the previous years, the electric utility's share of total investment rose during the period under review. The cost of borrowing money to finance construction also continued to rise although the increase in 1967 was less sharp than was that recorded in 1966.

Electric Utilities

	1965 1964	1966 1965	1967 1966
<u>Recent price index percentage changes</u>			
Distribution systems	+ 2.4	+ 4.9	+ 4.4
Construction	+ 4.3	+ 3.5	+ 1.8
Materials	+ 4.6	+ 6.2	+ 4.9
Poles	+ 12.9	+ 8.0	+ 4.2
Conductors	+ 4.2	+ 8.9	+ 11.9
Labour	+ 4.4	+ 4.7	+ 5.3
Construction equipment	+ 1.0	+ 2.2	+ 0.9
Distribution systems equipment	- 2.3	+ 3.6	
Transmission lines	+ 5.6	+ 4.1	+ 3.0
Materials	+ 6.1	+ 3.1	+ 2.1
Poles, western cedar	+ 13.2	+ 13.5	+ 16.1
Hardware	+ 0.1	+ 1.1	+ 0.1
Towers	+ 2.3	0	+ 0.1
Conductors, ACSR	+ 7.9	+ 1.5	+ 0.1
Insulators	+ 4.5	+ 3.1	+ 0.1
Labour	+ 5.4	+ 0.1	+ 1.1
Construction equipment	+ 1.6	+ 2.7	
Transformation and switching stations	+ 6.3	+ 4.2	- 2.9
Structures and improvements	+ 10.0	+ 5.6	- 5.5
Materials	+ 7.8	+ 4.3	- 5.1
Buswork and conductors	+ 9.9	+ 8.0	- 2.8
In-place prices	+ 17.1	+ 10.0	- 6.6
Earth excavation	+ 16.2	+ 11.6	- 8.1
Crushed gravels	+ 18.8	+ 6.8	- 3.5
Labour	+ 4.5	+ 5.2	+ 12.7
Station equipment	+ 5.7	+ 3.6	- 6.6
Power transformers	+ 4.9	+ 1.2	- 7.1
Switchgear and protective equipment	+ 9.7	+ 6.5	- 4.3
Power circuit breakers	+ 2.7	+ 4.7	- 8.3

Electric Utilities - Concluded

	1965 1964	1966 1965	1967 1966
<u>Related Economic Indicators</u>			
Capital expenditures in Canada(1)	+ 17.6	+ 17.3	+ 0.6
Capital expenditures in electric utilities(1)	+ 24.9	+ 21.6	+ 13.6
Expenditures in electric utilities as a proportion of capital expenditures in Canada	7.3	7.6	8.6
Indexes of employment in construction(2)	+ 13.1	+ 10.4	- 7.3
Index of real domestic product for electric power(3)	+ 8.0	+ 11.0	+ 9.0
Net generating capability(4)	+ 8.9	+ 3.9	+ 12.1
Average bond yield for 10 public utilities(5)	+ 3.5	+ 13.2	+ 8.7

- Source: (1) Public and Private Investment in Canada, DBS Catalogue 61-205 Annual.
 (2) Canadian Statistical Review, DBS Catalogue 11-003, Monthly.
 (3) Indexes of Real Domestic Product, by Industry, DBS Catalogue 61-506.
 (4) Annual Electric Power Survey of Capability and Load, DBS Catalogue 57-204, Annual.
 (5) McLeod, Young, Weir and Company, 50 King Street West, Toronto.

The change in demand for capital goods has been accompanied by a change in electric utility construction price behavior; as can be seen in the above table the pattern of overall price increases in all indexes has been changed. While many commodities continued to show price increases and while the labour indexes showed the sharpest increases in the history of the indexes, a number of important commodities showed price decreases. For individual commodities the decreases often tended to be greater than the decline in federal sales tax on production machinery and equipment which affected many of the commodities in 1967.

A more detailed examination of the indexes reveals the following movements. For the distribution systems and transmission lines, the rates of increase at the total level were similar in 1967 compared to 1966. All major components showed increases, with sharp increases of approximately 12 percent being shown in the labour component. Material prices rose less sharply in 1967 than in 1966. Of the two per cent increase shown in materials, one per cent relates to the general increase from 11 to 12 per cent in federal sales tax which occurred at the beginning of the year(1).

The transformation and switching stations index declined almost three points in 1967. Equipment and materials price declines were sufficient to counter the 13 per cent increase which occurred in the labour component. Materials and equipment indexes showed declines of 5.1 and 6.6 per cent, respectively, which do not exceed the decline of 6.5 per cent attributable to the changes in federal sales tax on production equipment which occurred during the year(1).

The following commodity price movements are of interest:

- (a) Distribution poles, which are shorter and more readily available in the logging yards than transmission line poles, continued to show less vigorous price movement than was shown by the transmission lines poles index. Indeed the former index declined by 4.9 per cent during 1967 while the latter index decreased by 16.1 per cent, a sharp reversal of the price behaviour exhibited in the previous years under review.
- (b) Conductors showed price rises during the four years under review although the aluminum transmission conductors (ACSR) rose less than did the indexes for sheathed copper and aluminum conductors.
- (c) Steel prices as reflected in price collections for light structural steel for transmission towers showed an increase in 1965 of 2.3 per cent, no change in 1966 and a sharp price decline in 1967 of 5 per cent.
- (d) Equipment price changes can be summarized as follows:

	Price index percentage change	Percentage change attributable to federal sales tax change	Net percentage price change
	1967 1966	1967 1966	
Distribution Systems Equipment	+ 0.9	+ 1.0	- .1
Meters	+ 1.0	+ 1.0	0
Distribution transformers	0	+ 1.0	- 1.0
Station equipment	- 6.5	- 6.8	+ .3
Power transformers	- 7.1	- 6.8	- .3
Circuit breakers	- 8.3	- 6.8	- 1.5
Switchgear and protective equipment	- 4.4	- 6.8	+ 2.4

Clearly federal sales tax changes were the major contributing factor to the declines being shown in many of the equipment indexes. With one exception, manufacturers either held prices steady or granted additional price decreases during the year.

- (e) Wage rate changes have been vigorous during the period under review. A summary of changes occurring in provinces with large index weights is outlined in the following table.

(1) See Table 7 for a summary of federal sales tax rates used to adjust index prices.

Electric Utility Wage Rate Components Percentage Change from the Preceding Year

	1965 1964	1966 1965	1967 1966
<u>Quebec</u>			
Linemen:			
Transmission lines	+ 6.8	+ 5.6	+ 27.7
Distribution systems	+ 4.0	+ 4.2	+ 25.0
Groundmen:			
Transmission lines	+ 7.4	+ 7.0	+ 15.7
Distribution systems	+ 4.5	+ 4.7	+ 13.2
Electricians	+ 4.8	+ 4.0	+ 24.0
Common labourers	+ 5.7	+ 5.4	+ 12.1
<u>Ontario</u>			
Linemen:			
Transmission lines	+ 3.7	+ 5.0	+ 8.2
Distribution systems	+ 4.1	+ 4.3	+ 8.6
Groundmen:			
Transmission lines	+ 5.7	+ 6.3	+ 7.6
Distribution systems	+ 4.6	+ 4.7	+ 9.2
Electricians	+ 3.8	+ 4.0	+ 8.8
Common labourers	+ 4.3	+ 5.0	+ 10.1
<u>British Columbia</u>			
Linemen:			
Transmission lines	+ 6.3	+ 6.3	+ 11.2
Distribution systems	+ 6.1	+ 6.1	+ 9.4
Groundmen:			
Transmission lines	+ 4.9	+ 11.3	+ 16.9
Distribution systems	+ 5.8	+ 6.2	+ 9.6
Electricians	+ 6.5	+ 6.1	+ 7.6
Common labourers	0	+ 14.6	+ 19.3

Rates of increase accelerated during the period with "major" increases ranging from 10 to as much as 28 percent experienced in 1967 in British Columbia and Quebec. In 1965 and 1966 increases were of the order of 5 or 6 percent. During the four-year period sharp increases were most common in Quebec and least common in Ontario. Indeed, in Ontario the average increase during the period under review was six percent.

Within Quebec, the effect of faster rising rates outside of Metro-Montreal can be detected in the sharper rises shown in the transmission lines series as opposed to the distribution systems for groundmen and linemen. Metro-Montreal has a smaller weight in the transmission lines index than it has in the distribution systems index. It is also of interest to note that the price movement of groundmen and common labourers is similar in Quebec, and that electrician and linemen rates are showing similar behaviour. These patterns are not repeated in the other major provinces. Ontario exhibits similar change for all trades shown, whereas in British Columbia, linemen and groundmen rates move similarly but common labourers show a pattern of price change completely unlike any other trade shown in the table.

TABLE I. Price Indexes of Electric Utility Distribution Systems, Major Components and Items, Canada, Annually, 1956-67

(1961=100)

Total, major components and items	Indexes											
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Final 1966	Pre- limi- nary 1967
Distribution systems	95.1	96.5	93.2	96.8	100.3	100.0	101.9	102.5	104.6	107.1 ^r	112.4	117.4
Construction	92.7	91.9	93.5	96.3	98.5	100.0	102.5	105.2	107.8	112.4 ^r	118.5	125.2
Materials(1)	103.8	100.4	98.7	100.6	100.3	100.0	101.8	103.9	105.2	110.0	116.8	118.8
Poles	99.1	97.5	99.1	104.8	99.3	100.0	104.0	108.4	107.3	121.1	130.8	124.4(2)
Eastern cedar	120.8	101.9	101.3	116.2	100.2	100.0	109.0	112.1	109.1	109.8	121.4	-
Western cedar	97.7	97.2	99.0	104.1	99.2	100.0	103.6	108.1	107.2	121.8	131.4	-
Crossarms	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	128.0	128.2	129.9	133.2
Hardware	96.5	97.4	99.5	99.7	100.0	100.0	101.3	103.5	103.5	102.0	101.6	105.7
Secondary racks	95.9	96.7	98.8	99.6	99.9	100.0	102.6	104.4	104.4	98.6	93.5	95.5
Other hardware	96.8	97.7	99.8	99.7	100.0	100.0	100.9	103.2	103.2	103.3	104.8	109.7
Conductors	107.9	103.4	99.1	98.1	100.2	100.0	99.7	100.6	102.3	106.6	116.1	121.0
Triplex	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.2	99.4	103.4	105.9
Polyethylene insu- lated - Aluminum	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.3	99.6	103.5	106.5
Copper	123.0	96.9	89.3	99.0	100.7	100.0	104.6	110.3	117.5	128.0	153.9	165.5
Insulators	94.9	95.2	95.9	98.7	102.0	100.0	100.6	101.4	101.4	106.0	111.8	117.8
Luminaires	96.1	97.1	97.0	99.2	100.1	100.0	101.2	102.7	103.0	98.5	95.2	95.7
Labour	75.7	78.5	84.9	89.3	95.3	100.0	104.3	108.3	112.8	117.8 ^r	123.3	138.0
Groundmen	75.0	78.1	84.6	88.8	95.0	100.0	104.3	108.5	113.0	118.0 ^r	123.7	136.3
Linemen	76.1	78.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	117.6 ^r	123.0	139.1
Construction equipment	85.2	90.1	93.8	96.2	98.9	100.0	99.4	100.0	101.3	102.3 ^r	104.5	110.0
Equipment - Trucks	82.6	90.5	95.7	97.8	99.6	100.0	102.3	103.5	103.7	103.6	104.8	108.5
Operating expenses	87.7	89.7	91.9	94.5	98.2	100.0	96.4	96.6	99.0	101.0 ^r	104.1	111.4
Mechanics(3)	75.7	78.5	84.9	89.3	95.3	100.0	104.3	108.3	112.8	118.1 ^r	123.4	138.8
Other Operating Expenses(4) ...	94.9	96.3	96.2	97.7	99.9	100.0	91.7	89.6	90.7	90.7	92.5	95.0
Distribution systems equipment(1) ...	100.4	106.6	92.5	97.9	104.3	100.0	100.4	96.4	97.6	95.4	98.8	99.7
Meters	89.4	96.7	98.3	99.1	100.0	100.0	100.0	99.1	98.6	98.6	98.6	100.9
Transformers	107.3	112.9	88.9	97.1	107.1	100.0	100.6	94.7	96.9	93.3	99.0	99.0
1) Combined materials and distribution												

(1) Combined materials and distribution systems equipment index

(2) Price movement for the pole index is derived from price reports for western cedar only, from 1967 forward.

(3) In 1965, Federal Department of Labour Fair Wage Rates were replaced by wage rates reported by a sample of electric utilities and contractors. See also footnote 1, Table 4.

(4) The component indexes of Other Operating Expenses are shown in Table 2.

r Revised figures.

TABLE II. Price Indexes of Electric Utility Transmission Lines, Major Components and Items, Canada, Annually, 1956-67
(1961=100)

Total, major components and items	Indexes													
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Final 1966	Pre- limi- nary 1967	1968	1969
Transmission lines	92.1	94.4 ^r	95.7	97.0	98.9	100.0	100.9	102.3	102.7	108.5 ^r	113.0		118.6	
Materials	98.5	100.3	99.8	100.0	100.3	100.0	99.9	100.5	99.6	105.7	109.3		111.9	
Poles, towers and fixtures	95.8	97.3	98.8	102.0	100.3	100.0	101.3	103.1	103.5	108.7	113.9		115.2	
Poles, western cedar	97.7	97.2	99.0	104.1	99.2	100.0	100.4	103.8	101.8	115.2	130.7		109.7	
Crossarms	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	128.0	128.2	129.9		133.2	
Hardware	96.8	97.7	99.8	99.7	100.0	100.0	100.9	103.2	103.2	103.3	104.8		109.7	
Towers	90.8	97.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	102.3 ^r	102.3		97.3	
Conductors and insulators	101.2	103.5	100.9	97.9	100.3	100.0	98.5	97.9	95.5	102.6	104.7		108.5	
Conductors, ACSR	102.4	105.0	101.9	97.7	100.0	100.0	98.1	97.3	94.4	101.9	103.4		106.8	
Insulators	94.9	95.2	95.9	98.7	102.0	100.0	100.6	101.4	101.4	106.0	111.8		117.8	
Labour	75.2	78.3 ^r	84.5	88.7	94.9	100.0	104.6	108.6	112.8	118.9 ^r	126.5		142.0	
Groundmen	74.7	78.0	84.2	88.3	94.6	100.0	104.7	108.8	113.0	119.2 ^r	127.5		141.4	
Linenmen	76.0	78.7 ^r	85.0	89.3	95.4	100.0	104.5	108.2	112.5	118.4	125.1		143.0	
Construction equipment	84.2	88.2	91.5	94.3	97.5	100.0	99.2	99.4	101.4	103.0	105.8		110.8	
Equipment	78.2	84.3	89.9	93.2	96.1	100.0	104.1	104.9	107.2	109.0	111.6		115.7	
Bulldozers	76.9	82.6	87.9	92.0	95.3	100.0	104.2	106.2	111.0	112.3	112.5		116.3	
Compressors	75.1	79.9	86.0	89.8	93.5	100.0	105.6	105.0	106.8	111.2	117.6		122.3	
Trucks	82.6	90.5	95.7	97.8	99.6	100.0	102.3	103.5	103.7	103.6	104.8		108.5	
Operating expenses	90.2	92.1 ^r	93.1	95.4	98.8	100.0	94.3	93.8	95.7	97.0 ^r	100.0		105.9	
Mechanics(1)	75.2	78.3 ^r	84.5	88.7	94.9	100.0	104.6	108.6	112.8	118.1 ^r	124.4		141.0	
Other Operating Expenses	95.2	96.7	96.0	97.7	100.1	100.0	90.8	88.9	90.0	89.9	91.8		94.2	
Diesel fuel	99.1	103.2	97.9	99.6	100.0	100.0	101.7	103.1	101.3	98.1	97.7		98.6	
Gasoline	96.5	99.6	99.8	99.9	99.5	100.0	98.3	90.7	91.5	88.4	88.8		89.7	
Lubricating oils	91.0	94.1	94.5	96.0	98.4	100.0	100.0	99.8	99.2	99.5	102.9		107.6	
Tires	94.4	94.1	92.8	96.2	101.7	100.0	79.1	79.6	81.9	84.6	88.7		92.1	
Tubes	93.1	92.5	89.7	88.9	88.9	100.0	100.8	100.8	100.8	102.5	99.7		101.3	
Repair parts	93.4	95.3	96.6	97.3	98.7	100.0	101.0	103.7	103.5	103.9	104.4		108.0	

1. For fair comparison, fair rates were replaced by wage rates reported by a sample of electric utilities and contractors. See also footnote

TABLE III. Price Indexes of Electric Utility Transformation and Switching Stations, Major Components and Items, Canada, Annually, 1956-67

(1961=100)

Total, major components and items	Indexes													
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Final 1966	Pre- limi- nary 1967	1968	1969
Transformation and switching stations	115.2 ^r	118.1 ^r	109.0 ^r	113.5 ^r	109.8 ^r	100.0	104.5 ^r	107.2 ^r	111.7 ^r	118.7 ^r	123.7	120.1		
Structures and improvements	110.1 ^r	105.6 ^r	101.3 ^r	102.6 ^r	103.3 ^r	100.0	102.6 ^r	109.0 ^r	113.1 ^r	124.4 ^r	131.4	124.2		
Materials	100.0	99.8	99.0	99.6	100.5	100.0	100.4 ^r	103.5 ^r	109.1 ^r	117.6 ^r	122.6	116.3		
Ready-mix concrete (1)	99.8	100.0	100.0	100.0	100.0	100.0	100.3 ^r	104.2 ^r	107.3 ^r	112.0 ^r	118.3	121.7		
Steel structures	92.3	97.4	99.0	99.8	100.6	100.0	100.1	102.4	107.1	114.7	115.7	104.4		
Wooden structures	102.2	97.1	97.1	103.9	102.5	100.0	104.2	108.9	116.0	125.0	129.8	124.9		
Buswork and conductors	109.6	103.5	99.0	98.3	100.2	100.0	100.0	103.5	110.8	121.8	131.6	127.9		
In-place prices	149.9 ^r	128.5 ^r	110.6 ^r	114.3 ^r	114.1 ^r	100.0	111.2 ^r	130.4 ^r	129.0 ^r	151.0 ^r	166.1	155.2		
Earth excavation	161.4 ^r	132.4 ^r	113.6 ^r	116.7 ^r	121.9 ^r	100.0	118.8 ^r	145.0 ^r	139.1 ^r	161.7 ^r	180.4	165.8		
Crushed gravels	131.0 ^r	122.1 ^r	105.6 ^r	110.3 ^r	101.4 ^r	100.0	98.8 ^r	106.7 ^r	112.5 ^r	133.7 ^r	142.8	137.8		
Labour (2)	74.3	77.6	82.5	88.6	94.7	100.0	104.3	107.6	111.5	116.5 ^r	122.5	138.0		
Common labourer	71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	119.2 ^r	126.5	140.6		
Electrician	76.0	78.8	83.1	89.3	95.1	100.0	103.6	106.8	110.0	115.1 ^r	120.3	136.6		
Station equipment	127.9 ^r	132.6 ^r	118.4 ^r	123.2 ^r	115.7 ^r	100.0	105.1 ^r	106.7 ^r	111.5 ^r	117.9 ^r	122.1	114.1		
Power Transformers (3) ...	142.5 ^r	154.3 ^r	130.6 ^r	136.3 ^r	121.5 ^r	100.0	108.3 ^r	105.8 ^r	109.8 ^r	115.2 ^r	116.6	108.3		
Circuit Breakers	95.2	97.3	96.7	101.1	104.4	100.0	100.9	106.4	112.8	115.8	121.3	111.2		
Switchgear and protec- tion equipment ..	128.9	122.9	114.4	117.9	114.6	100.0	102.7	108.4	113.3	124.3	132.4	126.7		

1. Additional prices were incorporated into the index beginning in 1962. The present sample is sufficiently extensive that regional indexes are available monthly from mid 1967 onward.

(2) See footnote (1) Table 6.

(3) Industry Selling Price Transformer Index was utilized from 1956 to 1961. Additional data have become available recently and the expanded sample was introduced into the index in 1962. The index presented for the period 1956 to 1966 is a weighted average of the metalclad switchgear index and the disconnect switches contained in earlier publications. Additional data have recently become available and the expanded sample was introduced into the index in 1966. Revised figures

TABLE IV. Wage Rate Indexes for Distribution Systems Construction, Canada and Nine Provinces, 1956-67(1)
(1961=100)

Linemen	Indexes											Pre- limi- nary 1967	1968	1969
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Final 1966			
Newfoundland	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	110.7 ^r	115.5			118.9
Nova Scotia	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	113.6 ^r	119.3			126.4
New Brunswick	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	112.2 ^r	117.4			129.4
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	123.5 ^r	128.7			160.6
Ontario	78.2	81.2	83.9	85.6	94.6	100.0	103.4	106.7	110.4	114.9 ^r	119.8			130.1
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9 ^r	117.3			126.8
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8 ^r	122.7			133.3
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6 ^r	122.6			130.4
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.2 ^r	126.5			138.4
Canada	76.1	78.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	117.6 ^r	123.0			139.1
<u>Groundmen</u>														
Newfoundland	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.0 ^r	121.4			125.8
Nova Scotia	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.9 ^r	125.6			133.6
New Brunswick	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.0 ^r	126.7			135.6
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	124.0 ^r	129.8			146.9
Ontario	74.0	78.2	84.4	86.0	94.8	100.0	102.9	106.2	109.4	114.4 ^r	119.8			130.8
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5 ^r	120.7			136.1
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9 ^r	118.7			124.7
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.5 ^r	123.0			130.5
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	118.4 ^r	125.7			137.8
Canada	75.0	78.1	84.6	88.8	95.0	100.0	104.3	108.5	113.0	118.0 ^r	123.7			136.3

(1) For the period 1956 to 1966, wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1967, Union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated into the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction. The revised figures.

TABLE V. Wage Rate Indexes for Transmission Lines Construction, Canada and Nine Provinces, 1956-67(1)
(1961=100)

	Indexes											
	1956	1957	1958	1959	1960	1961	1962	1963 ^r	1964	1965	Final 1966	Pre- limi- nary 1967
Linemen												
Newfoundland	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	110.7 ^r	115.5	118.9
Nova Scotia	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	113.6 ^r	119.3	126.4
New Brunswick	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	112.2 ^r	117.4	129.4
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	126.8 ^r	133.9	171.0
Ontario	78.2	81.2	83.9	85.6	94.6	100.0	103.4	106.7	110.4	114.5 ^r	120.2	130.0
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9 ^r	117.3	126.8
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8 ^r	122.7	133.3
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6 ^r	122.6	130.4
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.4 ^r	126.9	141.1
Canada	76.0	78.7 ^r	85.0	89.3	95.4	100.0	104.5	108.2	112.5	118.4	125.1	143.0
Groundmen												
Newfoundland	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.0 ^r	121.4	125.8
Nova Scotia	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.9 ^r	125.6	133.6
New Brunswick	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.0 ^r	126.7	135.6
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.5 ^r	136.4	157.8
Ontario	74.0	78.2	84.4	86.0	94.8	100.0	102.9	106.2	109.4	115.6 ^r	122.9	132.2
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5 ^r	120.7	136.1
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9 ^r	118.7	124.7
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.5 ^r	123.0	130.5
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	117.4 ^r	130.7	152.8
Canada	74.7	78.0	84.2	88.3	94.6	100.0	104.7	108.8	113.0	119.2 ^r	127.5	141.4

(1) For the period 1956 to 1964, wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated in the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction. Revised figures.

TABLE VI. Wage Rate Indexes for Transformation and Switching Stations Construction(1)
Canada and Nine Provinces, 1956-67,
(1961=100)

Indexes												
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Final 1966	Pre- limi- nary 1967
<u>Common labourer(2)</u>												
Nova Scotia	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	126.7	135.1	146.2
New Brunswick	82.9	91.0	94.6	94.6	96.4	100.0	103.6	103.6	106.3	111.1	117.3	125.5
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	125.5	132.3	148.3
Ontario	66.8	72.8	78.2	85.1	93.1	100.0	105.0	108.6	114.6	119.5	125.5	138.2
Manitoba	67.3	74.5	80.0	89.7	95.2	100.0	100.0	100.0	100.0	104.4	108.1	116.9
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	114.1	117.8	124.1
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.1	123.4	129.0
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	111.9	128.2	153.0
Canada	71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	119.2	126.5	140.6
<u>Electrician(2)</u>												
Nova Scotia	78.3	81.7	85.2	88.3	92.6	100.0	102.2	104.3	108.7	114.4	119.1	126.7
New Brunswick	79.0	82.0	86.0	89.5	96.0	100.0	100.0	106.5	110.0	122.0	129.8	143.4
Quebec	80.0	80.0	83.2	90.0	95.2	100.0	106.0	108.8	112.0	117.4	122.1	151.4
Ontario	71.6	75.6	79.5	85.7	93.5	100.0	102.5	105.3	108.1	112.2	116.7	127.0
Manitoba	73.6	80.4	85.0	91.1	96.8	100.0	101.4	103.5	106.1	111.0	115.9	128.0
Saskatchewan	88.0	89.3	92.7	96.6	98.7	100.0	106.8	111.1	114.5	117.7	122.2	133.6
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.9	122.9	130.8
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.6	126.9	136.6
Canada	76.0	78.8	83.1	89.3	95.1	100.0	103.6	106.8	110.0	115.1	120.3	136.6

(1) For the period 1956 to 1964, wage rate indexes were derived for eight major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, union wage rate data for the basic wage rates reported by major utilities and some contractors were incorporated in the index. The sample selected provides an estimate of wage rate change for each province - and represents urban own-account and contract electric utility construction. The wage rate data for Newfoundland have been collected and are available on request.

(2) Expenditures for Newfoundland during the base-weight period were small and for this reason wage rates for Newfoundland are not included in the published indexes. Rates have been collected from Newfoundland utilities since 1964 and indexes are available upon request.

TABLE VII. Federal Sales Tax Rates for Commodities Used in Electric Utility Construction Price Indexes(1)

Tax percentage rates for taxable commodities										
Commodity	Tax exempt item	1/1/56	30/4/59	1/1/67	1/1/56	14/6/63	1/4/64	1/1/65	1/4/67	2/6/67
		to 29/4/59	to 31/12/66	to 31/12/67	to 13/6/63	to 31/3/64	to 31/12/64	to 31/3/67	to 1/6/67	to 31/12/67
<u>Distribution systems and transmis-</u>										
<u>sion lines</u>										
Towers	x	10	11	12						
Poles, wooden										
Crossarms		10	11	12						
Hardware		10	11	12						
Conductors:										
Aluminum		10	11	12						
Copper		10	11	12						
Insulators		10	11	12						
Meters		10	11	12						
Transformers		10	11	12						
Luminaires		10	11	12						
Trucks		10	11	12						
Bulldozers		10	11	12						
Compressors		10	11	12						
Gasoline		10	11	12						
Diesel fuel		10	11	12						
Lubricating oils		10	11	12						
Tires		10	11	12						
Tubes		10	11	12						
Parts		10	11	12						
<u>Transformation and switching</u>										
<u>stations</u>										
Earth excavation and										
embankment	x									
Gravels	x									
Ready-mix concrete	x									
Steel structures:										
Steel					0	4	8	11	6	0
Insulators					0	4	8	11	6	0
Wooden structures:										
Poles	x									
Crossarms					0	4	8	11	6	0
Insulators					0	4	8	11	6	0
Hardware					0	4	8	11	6	0
Buswork and conductors										
Power transformers					0	4	8	11	6	0
Circuit breakers					0	4	8	11	6	0
Disconnect switches					0	4	8	11	6	0
Metalclad switchgear					0	4	8	11	6	0

(1) Indexes or prices used in these indexes were adjusted to reflect Federal sales tax rates generally applicable on sales of these commodities to electric utilities.



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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CONTENTS

	Page
1. Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies Preliminary Financial Statistics Six Months ending June 30, 1968	1
2. Oil Pipeline Transport, May 1968, Cat. No. 55-001	4
1. <u>Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies Preliminary Financial Statistics Six Months ending June 30, 1967-68</u>	

For the six month period ended June 30, 1968, net income for oil pipeline companies was \$23.3 million compared to the \$23.0 million reported for the same period in 1967. Net income of gas pipeline transport companies decreased to \$17.3 million, 2.8 per cent less than the \$17.8 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributors' revenues, was \$37.7 million, up 7.7 per cent from \$35.0 million.

Fixed assets as at June 30, 1968, totalled \$803.6 million for oil pipeline companies (up 10.2 per cent from \$729.2 million), \$1,316.5 million for gas pipeline companies (up 8.2 per cent from \$1,217.2 million), and \$1,125.1 million for gas distribution companies (up 9.3 per cent from \$1,029.4 million).

6503-521

Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Six Months Ending June 30, 1967-68

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1967	1968	1967	1968	1967	1968
	millions of dollars					
Total operating revenues	78.0	86.5	143.9	160.3	227.3	243.3
Total operating expenses	18.7	21.9	89.6	104.8	142.2	153.1
Net revenue from operations	59.3	64.6	54.3	55.5	85.1	90.2
Other income and income from affiliated companies	6.3	5.1	0.9	1.4	2.4	3.9
Other deductions and fixed charges:						
Depreciation	12.3	12.9	14.8	15.7	12.7	13.2
Interest on long term debt	8.1	9.2	20.3	21.1	14.5	15.3
Other	0.8	0.7	2.3	2.8	2.3	4.6
Total	21.2	22.8	37.4	39.6	29.5	33.1
Net income before taxes	44.4	46.9	17.8	17.3	58.0	61.0
Provision for income taxes	21.4	23.6	-	-	23.0	23.3
Net income after taxes	23.0	23.3	17.8	17.3	35.0	37.7

Quarterly Statement

Assets, Liabilities and Net Worth as at June 30, 1967-68

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1967	1968	1967	1968	1967	1968
millions of dollars						
<u>Assets</u>						
Current assets:						
Cash	37.2	28.2	12.6	16.0	19.4	4.0
Accounts receivable less provision for doubtful accounts	21.5	21.8	23.4	28.5	60.0	92.3
Inventories of materials and supplies(1)	2.9	3.3	5.9	6.9	26.1	30.3
Other current assets	1.2	1.9	0.8	2.6	7.0	3.4
Total	62.8	55.2	42.7	54.0	112.5	130.0
Investments	62.4	58.5	61.8	75.0	160.5	164.8
Fixed assets	729.2	803.6	1,217.2	1,316.5	1,029.4	1,125.1
Less depreciation and amortization	232.0	249.9	183.3	208.8	169.6	189.8
Net fixed assets	497.2	553.7	1,033.9	1,107.7	859.8	935.3
Deferred debits	3.6	4.2	21.3	23.4	32.6	32.4
Total assets	626.0	671.6	1,159.7	1,260.1	1,165.4	1,262.5
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	7.4	9.3	38.1	34.4	15.9	70.3
Accounts payable	32.9	46.8	43.8	43.4	82.6	88.1
Long term debt due within one year less long term debt owned	16.6	22.2	33.8	33.1	13.2	16.0
Other current liabilities	1.0	1.7	0.1	-	5.1	5.6
Total	57.9	80.0	115.8	110.9	116.8	180.0
Long term debt	328.3	315.2	699.5	741.3	539.4	523.6
Deferred credits	48.2	55.1	6.2	6.2	24.9	30.0
Capital stock and surplus:						
Preferred	11.4	12.6	77.6	128.6	101.7	133.9
Common	73.5	73.2	97.0	97.2	194.8	194.6
Contributed surplus	22.4	24.7	90.3	90.9	39.6	37.8
Retained earnings	84.3	110.8	73.3	85.0	148.2	162.6
Total	191.6	221.3	338.2	401.7	484.3	528.9
Total liabilities and net worth	626.0	671.6	1,159.7	1,260.1	1,165.4	1,262.5

2. Oil Pipeline Transport, May 1968, Catalogue No. 55-001

Oil movements by Canadian oil pipelines increased by 6.2% in May 1968 with receipts of 47,737,096 barrels compared with 44,932,586 in the preceding year; import receipts increased by 24.6%.

Total traffic amounted to 24,124 million barrel miles with an average length of haul of 502.6 miles.

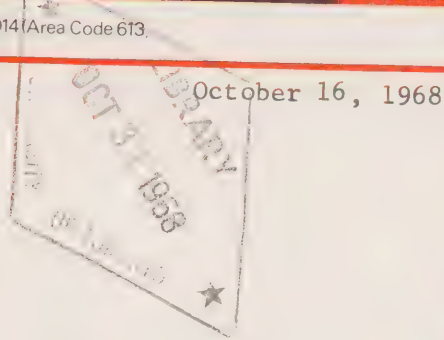
Oil Pipeline Transport, May 1968

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G. 'S.	Total May 1968	Total May 1967	% of increase or decrease over 1967
	barrels 35 Canadian gallons				
<u>Net receipts</u>					
Domestic	31,708,979	5,986,448	37,695,427	36,876,364	2.2
Imports	9,993,121	48,548	10,041,669	8,056,222	24.6
Total net receipts	41,702,100	6,034,996	47,737,096	44,932,586	6.2
<u>Net deliveries</u>					
Domestic	29,408,048	5,947,223	35,355,271	32,368,498	9.2
Exports	12,425,997	219,743	12,645,740	12,251,511	3.2
Total net deliveries	41,834,045	6,166,966	48,001,011	44,620,009	7.6
Inventory change	- 56,132	- 137,503	- 193,635	261,732	-



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Catalogue No. 57-002
Vol. 3, No. 44



CONTENTS

	Page
1. Gas Pipe Line Mileage, 1966-67	1
2. Crude Oil Requirements, 1967-68	4
3. Preliminary Electric Energy Statistics, August 1968	6

1. Gas Pipe Line Mileage, 1966-67

Total mileage of all natural gas pipe lines in 1967, including lines operated by producing and gas processing companies, amounted to 48,294.6 miles, up 2,312.6 miles from the previous year and 4,221.7 miles from 1965. In these three years, gas gathering mileage accounted for approximately 11.1 per cent of the total, transmission 32.3 per cent and distribution 56.6 per cent.

Approximately 35 per cent of total pipe line mileage is in the 0-2.9 inch class; 24 per cent in the 3-5.9 inch class; 17 per cent in the 6-8.9 inch class; 8 per cent in the 9-12.9 inch class; 5 per cent in the 13-20.9 inch class and 11 per cent in the 21 inch and over class.



Pipe Line Mileage by Size of Pipe and Province, as at December 31, 1966

	Total natural gas industries(1)						
	Outside diameter of pipe in inches						
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total
Gathering:							
New Brunswick	6.4	-	-	-	-	-	6.4
Quebec	-	-	-	-	-	-	-
Ontario	763.7	269.4	95.3	16.1	21.6	0.5	1,166.6
Manitoba	-	-	-	-	-	-	-
Saskatchewan	62.4	248.5	266.9	68.1	32.8	4.8	683.5
Alberta	322.2	1,284.4	929.9	296.6	140.2	5.1	2,978.4
British Columbia	17.5	183.5	100.6	76.7	68.7	37.5	484.5
Canada	1,172.2	1,985.8	1,392.7	457.5	263.3	47.9	5,319.4
Transmission:							
New Brunswick	-	4.2	0.2	9.0	-	-	13.4
Quebec	-	-	65.6	20.1	26.5	-	112.2
Ontario	50.8	302.0	726.3	486.9	456.2	1,457.0	3,479.2
Manitoba	22.5	221.3	116.5	40.7	12.5	542.9	956.4
Saskatchewan	560.8	602.0	637.0	667.2	398.6	763.2	3,628.8
Alberta	315.8	932.5	912.3	778.8	978.9	1,246.7	5,165.0
British Columbia	29.3	162.2	112.5	268.6	1.2	1,005.7	1,579.5
Canada	979.2	2,224.2	2,570.4	2,271.3	1,873.9	5,015.5	14,934.5
Distribution:							
New Brunswick	6.4	14.0	11.0	1.0	-	-	32.4
Quebec	139.9	353.6	592.3	145.0	120.1	9.8	1,360.7
Ontario	6,301.5	3,824.4	2,372.5	671.2	105.8	39.9	13,315.3
Manitoba	981.7	213.9	112.6	19.6	15.7	-	1,343.5
Saskatchewan	1,150.1	428.0	161.0	34.6	14.9	-	1,788.6
Alberta	2,207.0	870.2	383.7	114.9	47.4	-	3,623.2
British Columbia	2,743.4	917.7	341.9	105.4	103.0	53.0	4,264.4
Canada	13,530.0	6,621.8	3,975.0	1,091.7	406.9	102.7	25,728.1
Grand totals	15,681.4	10,831.8	7,938.1	3,820.5	2,544.1	5,166.1	45,982.0
Manufactured and liquefied petroleum gases systems							
Outside diameter of pipe in inches							
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total
Distribution:							
Quebec	10.6	51.8	60.7	11.6	3.2	-	137.9
Ontario	66.5	7.5	14.5	1.0	-	-	89.5
British Columbia	139.0	81.2	14.7	4.4	-	-	239.3
Canada	216.1	140.5	89.9	17.0	3.2	-	466.7
Grand totals, all utilities	15,897.5	10,972.3	8,028.0	3,837.5	2,547.3	5,166.1	46,448.7

(1) Includes pipe mileage of producing, gathering, processing and utility companies. Some size categories include estimated figures.

Pipe Line Mileage by Size of Pipe and Province, as at December 31, 1967

	Total natural gas industries(1)						
	Outside diameter of pipe in inches						
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total
Gathering:							
New Brunswick	6.4	-	-	-	-	-	6.4
Quebec	-	0.5	0.8	-	-	-	1.3
Ontario	759.2	269.4	94.6	16.6	22.7	0.5	1,163.0
Manitoba	-	-	-	-	-	-	-
Saskatchewan	70.4	268.2	269.9	68.1	32.8	4.8	714.2
Alberta	359.6	1,241.1	968.1	287.8	117.2	5.1	2,978.9
British Columbia	16.3	151.9	136.3	100.1	70.5	37.5	512.6
Canada	1,211.9	1,931.1	1,469.7	472.6	243.2	47.9	5,376.4
Transmission:							
New Brunswick	-	4.2	0.2	9.0	-	-	13.4
Quebec	-	-	73.7	20.4	26.6	-	120.7
Ontario	50.0	308.5	731.8	487.1	456.1	1,524.9	3,558.4
Manitoba	29.2	238.3	153.3	41.0	12.5	547.6	1,021.9
Saskatchewan	653.1	710.8	689.2	695.8	399.1	763.4	3,911.4
Alberta	371.0	948.4	947.6	883.9	929.7	1,246.7	5,327.3
British Columbia	36.7	164.0	132.9	268.8	1.2	1,056.7	1,660.3
Canada	1,140.0	2,374.2	2,728.7	2,406.0	1,825.2	5,139.3	15,613.4
Distribution:							
New Brunswick	6.3	14.0	11.1	1.0	-	-	32.4
Quebec	157.5	372.9	609.0	148.2	119.5	9.9	1,417.0
Ontario	6,547.5	3,880.4	2,490.2	676.4	103.8	38.9	13,737.2
Manitoba	1,060.9	227.9	118.9	19.7	15.7	-	1,443.1
Saskatchewan	1,246.6	447.4	169.1	35.6	14.9	-	1,913.6
Alberta	2,845.6	892.8	388.7	116.3	52.0	-	4,295.4
British Columbia	2,905.5	945.1	355.1	106.4	102.0	52.0	4,466.1
Canada	14,769.9	6,780.5	4,142.1	1,103.6	407.9	100.8	27,304.8
Grand totals	17,121.8	11,085.8	8,340.5	3,982.2	2,476.3	5,288.0	48,294.6
Manufactured and liquefied petroleum gases systems							
Outside diameter of pipe in inches							
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total
Distribution:							
Quebec	10.0	51.5	60.6	11.6	3.2	-	136.9
Ontario	66.5	7.5	14.5	1.0	-	-	89.5
British Columbia	141.6	81.3	14.6	4.4	-	-	241.9
Canada	218.1	140.3	89.7	17.0	3.2	-	468.3
Grand totals, all utilities	17,339.9	11,226.1	8,430.2	3,999.2	2,479.5	5,288.0	48,762.9

(1) Includes pipe mileage of producing, gathering, processing and utility companies. Some size categories include estimated figures.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual Jan. - Dec.		Actual 1967				1968			
	1966	1967	Oct.	Nov.	Dec.	Estimated			Jan. - Dec.	
						Oct.	Nov.	Dec.		
'000 barrels per day										
<u>By source</u>										
Domestic:										
Western	599.6	611.3	586.6	619.7	621.0	603.5	686.4	682.5	650.6	
Eastern	3.6	3.4	3.0	3.3	3.1	3.3	3.4	3.5	3.5	
Totals	603.2	614.7	589.6	623.0	624.1	606.8	689.8	686.0	654.1	
Imported	434.4	446.8	486.9	464.1	477.3	533.0	517.1	529.6	486.8	
Total Requirements ...	1,037.6	1,061.5	1,076.5	1,087.1	1,101.4	1,139.8	1,206.9	1,215.6	1,140.9	
<u>By location</u>										
Atlantic	110.1	110.0	112.8	109.6	119.4	124.8	127.3	125.3	105.0	
Quebec	322.8	335.7	374.1	354.6	357.9	408.2	389.8	404.3	380.6	
Ontario	312.9	311.1	293.9	315.9	320.8	300.7	356.9	355.5	331.2	
Manitoba	40.0	40.0	43.0	43.6	42.9	41.5	45.7	45.0	42.4	
Saskatchewan	62.1	63.0	46.4	54.6	61.5	53.5	68.3	69.7	66.1	
Alberta	93.4	97.8	100.0	95.3	93.9	95.0	103.5	100.9	102.2	
British Columbia	94.4	102.0	105.3	111.5	103.3	114.8	114.1	113.5	111.3	
North West Territories	1.9	1.9	1.0	2.0	1.7	1.3	1.3	1.4	2.1	
Total Requirements	1,037.6	1,061.5	1,076.5	1,087.1	1,101.4	1,139.8	1,206.9	1,215.6	1,140.9	
Export requirements(1)	346.8	412.5	428.4	430.8	430.4	494.1	503.5	505.5	..	

(1) Reported by the pipeline companies.

.. Figures not available.

2. Crude Oil Requirements 1967 and 1968

Summary of Crude Oil Requirements and New Needs
(thousand barrels daily)

	1967		1968			
	Requirements		Requirements		New needs	
	Volume	%	Volume	%	Volume	%
Domestic	615	58	654	57	39	49
Imports	447	42	487	43	40	51
Totals	1,062	100	1,141	100	79	100

Although Canadian Refineries will have limited capacity increase in 1968 from the 1.209 million barrels per day capacity at the end of 1967, their requirements for Crude oil is estimated to increase to a total of 1.141 million B/D; an increase of 7.4% over 1967.

Canadian crude requirements for refining are expected to increase by 6.3% from 615,000 B/D in 1967 to 654,000 B/D in 1968, while imported crude requirements for refining are expected to rise by 8.9% from 447,000 B/D in 1967 to 487,000 B/D in 1968.

Forecast new needs of crude oil for refining are expected to amount to 79,000 B/D in 1968, with domestic produced crude supplying 49% of these new needs (39,000 B/D) and imports 51% (40,000 B/D).

Crude oil exports for the fourth quarter of 1968 are estimated to average 501,000 B/D, an increase of 71,000 over the same period in 1967.

3. Preliminary Electric Energy Statistics, August 1968 Cat. No. 57-001

Net generation of electric energy increased 6.0% to 13,748,272 thousand Kwh. in August 1968 from 12,967,953 thousand Kwh. in August 1967. Hydro generation increased 2.0% while thermal output was up 21.4%. Nova Scotia, New Brunswick, Quebec and Manitoba experienced decreases in hydro generation during the month.

Imports were down 33% from 349,769 thousand Kwh. in August of last year to 233,286 thousand Kwh. in August 1968. Exports declined 13% during the same period.

Secondary energy consumption increased to 127,164 thousand Kwh. from 95,398 thousand Kwh. last year. This is the first increase in secondary energy consumption since January 1967. Firm energy consumption was up 5.2% to 13,593,941 thousand Kwh.

Total generation for the 12 month period ending August 31, 1968 amounted to 171,043,757 thousand Kwh.

Preliminary Electric Energy Statistics (thousand Kwh)

	August		
	1966	1967	1968
Net generation - Hydro	10,573,441 ^r	10,280,128 ^r	10,486,814
Thermal	2,065,942 ^r	2,687,825 ^r	3,261,458
Total net generation	12,639,383 ^r	12,967,953 ^r	13,748,272
Energy imported from U.S.A.	315,681	349,769	233,286
Energy exported to U.S.A.:			
Firm	44,326	46,951	61,022
Secondary	344,573	254,034	199,431
Total exported to U.S.A.	388,899	300,985	260,453
Net energy used in Canada	12,566,165 ^r	13,016,737 ^r	13,721,105
Secondary energy used in Canada	426,974 ^r	95,398 ^r	127,164
Firm energy used in Canada	12,139,191 ^r	12,921,339 ^r	13,593,941

^r Revised figures.

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Catalogue No. 57-002
Vol. 3 No. 45

Canada

October 24, 1968

Government
Publications

Refined Petroleum Products, July 1968

Production of refined petroleum products increased 8.8% in July to 36,569,149 from 33,603,888 in the same month last year, according to an advance release of data that will be contained in the July issue of the D.B.S. report "Refined Petroleum Products". Catalogue No. 45-004.

Receipts of crude oil increased 9.6% in July to 36,159,593 barrels from 32,990,981 a year earlier. There was 4.1% more domestic crude at 19,763,915 barrels versus 18,988,585 and 17.1% more imported crude at 16,395,678 versus 14,002,396. Domestic disappearance of finished petroleum products increased 8.6% to 35,830,947 barrels from 32,994,930 in the same month last year.

Sales of petroleum products in July increased 8.5% from last year; and sales for the first seven months of 1968 are up 5.6% over the same period in 1967; an increase of 8.3% was noted for the first seven months of 1967 over the previous year.

Inventories of all products were 86.0 million barrels at the end of July 1968; an increase of 4.5 million barrels over July 1967 and 3.8 million barrels over July 1966.

6503-521

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IMPORTS Into Canada of Selected Petroleum Products, July 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	206,599	55,074	169,566	334,819	1,029,368	1,996,368
Quebec	239,225	95,292	148,913	126,108	1,444,448	2,751,578
Ontario	-	-	-	-	19,332	371,037
All other	413	266	214	-	336,634	362,721
Canada totals	446,237	150,632	318,693	460,927	2,829,782	5,481,704

- 2 -

EXPORTS of Selected Petroleum Products, July 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	-	-	-	-	-	-
Quebec	-	-	-	-	10,841	19,944
Ontario	-	375	-	696	2,822	67,784
Alberta	-	-	-	-	1,381	1,381
B.C.	164,765	-	46,557	43,040	-	355,557
Canada totals	164,765	375	46,557	43,736	15,044	444,666

Refinery Production in Canada of Selected Petroleum Products, July 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadians gallons								
Newfoundland	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	1,242,338	158,898	(2)	790,420	922,778	3,950,351	21,944,106	22,957,891
Quebec	3,637,290	321,596	1,675,933	2,185,953	2,466,325	11,682,756	78,434,779	69,353,411
Ontario	4,007,662	221,229	1,276,315	1,503,439	1,589,788	10,759,191	71,516,699	66,137,622
Manitoba	576,544	92,098	279,347	24,968	59,281	1,356,589	8,950,240	8,066,667
Saskatchewan	845,574	115,702	445,685	106,068	104,493	1,956,401	13,232,547	13,821,510
Alberta	1,493,549	168,273	673,318	126,955	76,216	3,388,596	21,459,342	21,063,072
British Columbia	1,440,720	162,053	870,518	70,159	330,223	3,391,069	23,641,900	21,509,814
North West Territories and Yukon	3,972	-	2,901	27,385	30,166	84,196	456,827	410,692
Canada Totals	13,247,649	1,239,849	5,224,017	4,835,347	5,579,270	36,569,149	-	-
Canada cumulative 1968 ...	84,026,455	11,549,868	28,582,343	37,769,188	42,814,092	-	239,636,440	-
Canada cumulative 1967 ...	78,627,590	11,483,334	26,054,473	34,993,183	38,394,651	-	-	223,320,679

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, July 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products	Total All Products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadian gallons								
Newfoundland	217,429	65,750	254,692	66,143	249,229	999,450	6,868,671	6,672,123
Maritimes	1,045,094	73,248	368,809	155,741	1,166,133	3,237,022	24,720,228	22,194,189
Quebec	3,515,857	55,859	642,096	843,427	2,800,484	9,479,460	79,444,601	74,650,594
Ontario	5,310,316	55,427	784,193	754,180	1,689,326	10,792,574	86,435,832	82,153,016
Manitoba	702,694	11,531	249,864	19,361	31,366	1,240,067	8,952,917	8,860,596
Saskatchewan	907,384	9,055	392,909	12,233	30,450	1,601,567	10,451,051	10,293,761
Alberta	1,328,696	8,983	483,093	11,098	78,319	2,405,175	14,912,385	14,227,477
British Columbia	1,504,384	49,154	594,562	76,172	607,582	3,369,062	24,816,298	24,029,433
North West Territories and Yukon	20,413	3,168	76,206	22,276	38,500	194,270	665,911	588,268
Canada Totals	14,552,267	332,175	3,846,424	1,960,631	6,691,389	33,318,647	-	-
Canada cumulative 1968 ..	84,467,703	11,114,846	23,896,159	55,805,071	52,975,579	-	257,267,894	-
Canada cumulative 1967 ..	78,888,325	11,038,444	23,139,250	52,437,749	50,160,112	-	-	243,669,457

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Catalogue No. 57-002
Vol. 3, No. 46

Canada

October 24, 1968

Contents

	Page
1. Coal and Coke Statistics, August 1968	1
2. Oil Pipeline Transport, June 1968	3

1. Coal and Coke Statistics, August 1968, Cat. No. 45-002

Coal production for the month of August 1968 amounted to 699,224 tons a decrease of 10.9% from the August 1967 production of 785,036 tons, while landed imports were 2,749,664 tons compared with 1,846,069 tons for the month of August 1967. Consumption by industrial consumers amounted to 1,117,184 tons of coal and 483,380 tons of coke, a decrease of 20,923 tons of coal and a decrease of 4,237 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 6,009,225 tons from 6,161,497 tons in August 1967.

Coke production during the month of August 1968, increased to 439,776 tons from 384,482 tons in August 1967, while coke used in blast furnaces increased to 346,793 tons from 333,136 tons during the same period.

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Coal and Coke Statistics

August 1968

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	169,482	17,787	349,506	54,088	12,932	34,564	-
New Brunswick	70,321	209	65,414	58,793	56,222	-	-
Quebec	-	119,102	-	84,438	323,158	50,266	145,079
Ontario	-	2,612,249	-	620,585	5,006,027	373,554	107,464
Manitoba	-	154	-	18,012	112,926	62	773
Saskatchewan	114,573	163	115,383	102,456	168,581	-	-
Alberta	255,263	-	253,934	173,316	28,571	308	268
British Columbia and Yukon	89,585	-	90,511	5,496	12,015	24,626	35,209
Total Canada 1968	699,224	2,749,664	874,748	1,117,184	5,720,432	483,380	288,793
Total Canada 1967	785,036	1,846,069	828,364	1,138,107	5,899,208	479,143	262,289

2. Oil Pipeline Transport, June 1968, Cat. No. 55-001

Oil movements by Canadian oil pipelines decreased by 1.1% in June 1968 with receipts of 46,336,407 barrels compared with 46,834,020 in the preceding year; import receipts decreased by 10.5 %.

Total traffic amounted to 21,766 million barrel miles with an average length of haul of 466.7 miles.

Oil Pipeline Transport, June 1968

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G. 'S.	Total June 1968	Total June 1967	% of increase or decrease over 1967
barrels 35 Canadian gallons					
<u>Net receipts</u>					
Domestic	31,989,339	6,097,021	38,086,360	37,616,076	1.3
Imports	8,206,071	43,976	8,250,047	9,217,944	- 10.5
Total net receipts	40,195,410	6,140,997	46,336,407	46,834,020	- 1.1
<u>Net deliveries</u>					
Domestic	27,195,836	6,126,163	33,321,999	34,028,785	- 2.1
Exports	13,095,974	221,103	13,317,077	13,050,747	2.0
Total net deliveries	40,291,810	6,347,266	46,639,076	47,079,532	- 0.9
Inventory change	- 120,263	- 201,021	- 321,284	- 281,783	-

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Vol. 3 No. 47

October 24, 1968

Canada
Statistics Bureau
Energy Statistics

Preliminary(1) Report on Coal Production

September 1968

Preliminary coal production for the month of September amounted to 779,465 tons, a decrease of 10.2% from the September 1967 preliminary production of 867,593 tons. Landed imports were 2,332,441 tons compared with 1,218,973 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

6503-521

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Production and Landed Imports of Coal, by Provinces

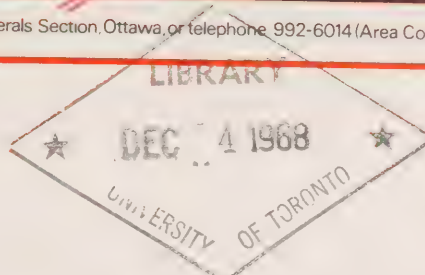
	1967		1968	
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
	net tons of 2,000 pounds			
<u>September</u>				
Newfoundland	-	-	-	-
Nova Scotia	317,460	46,567	238,180	43,806
New Brunswick	68,624	187	57,120	234
Quebec	-	40,403	-	100,151
Ontario	-	1,131,816	-	2,188,250
Manitoba	-	-	-	-
Saskatchewan	139,764	-	135,026	-
Alberta - Bituminous	81,470	-	78,996	-
Sub-bituminous	174,026	-	204,549	-
British Columbia and Yukon ..	86,249	-	65,594	-
Canada totals	867,593	1,218,973	779,465	2,332,441
<u>Nine months ended September</u>				
Newfoundland	-	9,080	-	5,874
Nova Scotia	2,817,697	248,049	2,315,193	375,578
New Brunswick	608,306	933	555,732	939
Quebec	-	470,075	-	537,840
Ontario	-	10,307,847 ^r	-	11,481,049
Manitoba	-	1,906	-	1,369
Saskatchewan	1,355,059	1,015	1,620,950	1,683
Alberta - Bituminous	675,827	-	701,369	-
Sub-bituminous	1,650,387	-	1,973,899	-
British Columbia and Yukon ..	712,527	442	688,177	207
Canada totals	7,819,803	11,039,347 ^r	7,855,320	12,404,539

(1) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(2) All figures are preliminary.

^r Revised figures.

Catalogue No. 57-002
Vol. 3, No. 48



November 12, 1968

Electric Power Statistics

Inventory of Prime Mover and Electric Generating Equipment 1967 Additions, Deletions and Changes.

Introduction

The report "Electric Power Statistics, Volume III" is an occasional publication which lists certain design details of electric generating equipment and the associated prime movers. The latest publication (Catalogue No. 57-503) listed these details for equipment as at December 31, 1966. The accompanying tables are intended for use in updating this publication by showing additions, deletions and changes which were made during the calendar year 1967. It is planned to continue publication at five year intervals and to provide these updating information sheets annually.

A separate table is provided for each type of generating equipment, i.e., hydro, steam, internal combustion and gas turbine. Each of these tables is divided into three sections, namely additions, changes and deletions. In many cases, the items appearing in the "changes" section of the table involve only a plant name change or a company name change. Any changes which have been made in the numeric data have been underlined.

In Table 2 the units for moment of inertia are millions of pounds - feet². This is a departure from the publication listing equipment as at December 31, 1966 where the unit used was thousands of pounds - feet².

For heading explanations and codes, please refer to Catalogue No. 57-503.

Review of Survey Results

Total generating capacity in Canada at the end of 1967 amounted to 32,762,867 Kw., 6.5% more than the 1966 total. Utilities accounted for 27,520,754 Kw. or 84.1% while industry had a capacity of 5,242,113 Kw. Hydraulic installations in 1967 accounted for 71.3% of the total and thermal plants 28.7% compared with 72.9% and 27.1% respectively in 1966. New thermal installations in 1967 exceeded new hydraulic installations by approximately 170,000 Kw.

6503-521

Quebec had the largest generating capacity at 11,604,761 Kw. or 35.4% of the national total, followed by Ontario with 30.7% and British Columbia with 12.3%. The largest increase in generating capacity during the year was in Alberta where the increase amounted to 550,835 Kw. Quebec increased its capacity by 415,995 Kw., British Columbia by 327,150 Kw., Ontario by 265,016 Kw. and New Brunswick by 118,625 Kw.

The largest thermal generating capacities were in Ontario with 39.8% of the Canada total, Alberta with 15.3%, British Columbia with 14.0% and Saskatchewan with 7.2%.

Notable increases in hydraulic capacity occurred in Newfoundland, Quebec, Ontario, Alberta and British Columbia. In Newfoundland the first three units totalling 225,000 Kw. came on line at the Bay d'Espoir plant of the Newfoundland and Labrador Power Commission. The Quebec increase was accounted for by three additional units totalling 188,370 Kw. being installed in Hydro Quebec's Manicouagan plants and also by two additional units of 36,630 Kw. each at the Rapide des Iles station. Two units totalling 139,500 Kw. were installed by Ontario Hydro at the Mountain Chute station on the Madawaska River. In Alberta, one unit of 161,500 Kw. was added at Calgary Power's Big Bend plant. The increase in British Columbia was accounted for by the addition of a 105,600 Kw. unit at the Kemano plant of the Aluminum Company of Canada.

Thermal capacity increased significantly in New Brunswick, Quebec, Alberta and British Columbia. The New Brunswick Electric Power Commission added another 110,000 Kw. unit to the Courtenay Bay station and Hydro Quebec completed the installation of a third 150,000 Kw. unit at the Tracy station. In Alberta, Calgary Power's Wabamun plant reached 582,000 Kw. with the addition of a 300,000 Kw. unit in 1967. The fourth 162,000 Kw. at the Burrard plant of the British Columbia Hydro and Power Authority was completed during the year.

TABLE 1

Summary of Electric Generating Capacity as at December 31, 1967

	Generators			
	Publicly-operated utilities	Privately-operated utilities	Industries and other	Total
	KW.			
<u>Ail equipment</u>				
Newfoundland				
Prince Edward Island	258,236	442,575	88,605	789,416
Nova Scotia	6,891	50,500	-	57,391
New Brunswick	307,238	308,863	78,920	695,021
Quebec	656,556	31,840	124,825	813,221
Ontario	8,214,296	1,024,720	2,365,745	11,604,761
Manitoba	9,112,409	338,740	598,380	10,049,529
Saskatchewan	1,407,498	-	21,781	1,429,279
Alberta	926,390	106,950	44,857	1,078,197
British Columbia	502,947	1,396,275	151,648	2,050,870
Northwest Territories	2,303,054	49,795	1,750,426	4,103,275
Yukon	49,046	2,625	6,876	58,547
	17,240	6,070	10,050	33,360
Totals	23,761,801	3,758,953	5,242,113	32,762,867
<u>Hydro-electric</u>				
Newfoundland				
Prince Edward Island	225,920	397,671	68,135	691,726
Nova Scotia	-	-	-	-
New Brunswick	106,768	39,443	5,350	151,561
Quebec	216,596	30,840	14,200	261,636
Ontario	7,701,763	1,017,820	2,287,383	11,006,966
Manitoba	5,711,823	333,170	256,769	6,301,762
Saskatchewan	1,064,000	-	10,350	1,074,350
Alberta	279,900	106,740	12,300	398,940
British Columbia	-	615,700	-	615,700
Northwest Territories	1,340,292	48,530	1,397,489	2,786,311
Yukon	32,000	-	3,360	35,360
	16,490	1,650	10,050	28,190
Totals	16,695,552	2,591,564	4,065,386	23,352,502
<u>Steam</u>				
Newfoundland				
Prince Edward Island	-	33,400	17,025	50,425
Nova Scotia	-	50,500	-	50,500
New Brunswick	194,500	267,500	72,970	534,970
Quebec	430,615	-	110,625	541,240
Quebec	450,000	-	68,530	518,530
Ontario	3,084,200	-	339,261	3,423,461
Manitoba	314,000	-	7,350	321,350
Saskatchewan	543,000	-	23,000	566,000
Alberta	411,291	684,500	129,211	1,225,002
British Columbia	648,000	-	313,030	961,030
Northwest Territories	600	-	-	600
Yukon	-	-	-	-
Totals	6,076,206	1,035,900	1,081,002	8,193,108
<u>Internal combustion</u>				
Newfoundland				
Prince Edward Island	18,166	11,504	3,445	33,115
Nova Scotia	6,891	-	-	6,891
New Brunswick	5,970	1,920	600	8,490
Quebec	9,345	1,000	-	10,345
Ontario	26,533	6,900	9,832	43,265
Manitoba	25,686	5,570	2,350	33,606
Saskatchewan	13,598	-	4,081	17,679
Alberta	26,450	210	9,557	36,217
British Columbia	5,556	27,575	10,250	43,381
Northwest Territories	122,262	1,265	39,907	163,434
Yukon	14,946	2,625	3,516	21,087
	750	4,420	-	5,170
Totals	276,153	62,989	83,538	422,680
<u>Gas turbine</u>				
Newfoundland				
Prince Edward Island	14,150	-	-	14,150
Nova Scotia	-	-	-	-
New Brunswick	-	-	-	-
Quebec	-	-	-	-
Ontario	36,000	-	-	36,000
Manitoba	290,700	-	-	290,700
Saskatchewan	15,900	-	-	15,900
Alberta	77,040	-	-	77,040
British Columbia	86,100	68,500	12,187	166,787
Northwest Territories	192,500	-	-	192,500
Yukon	1,500	-	-	1,500
	-	-	-	-
Totals	713,890	68,500	12,187	794,577

HYDRO		X		MAIN TURBINES		X		MAIN GENERATORS									
COMPANY NAME	COORDINATES	OPERATING			AV AN	MOMENT			POWER								
PLANT NAME	LAT LONG	HEADS			FLOW	OF			FACTOR								
WATER SUPPLY		MAX	MIN	NORM	CFS	YEAR	RUNNER	RPM	HEAD	HP	YEAR	INERTIA	VOLTS	FREQ	KVA	FACTOR	KW
ADDITIONS																	
NEWFOUNDLAND																	
LIN & LAR POWER COMM																	
RAY D ESPOIR	47 56 55 46	585	540	577	2200	67	RPF	300	577	100000	67	21	13800	60	85000	85	75000
SALMON R & GREY						67	RPF	300	577	100000	67	21	13800	60	85000	85	75000
						67	RPF	300	577	100000	67	21	13800	60	85000	85	75000
NOVA SCOTIA																	
POWER COMM																	
WEYMOUTH FALLS	44 24 65 56					67	RF	257	128	12000	67		13800	60	11250	80	9000
QUEBEC																	
COMMISSION HYDROELECTRIQUE DE QUEBEC																	
MANIC #1	49 13 68 20					67	RF	100	120	80000	67		13800	60	69300	90	61470
MANIC #2	49 21 68 20					67	RF	120	230	170000	67		13800	60	141000	90	126900
RAPIDE DES ILES	47 28 79 14					67	RF	95	86	50000	67		13800	60	40700	90	36630
						67	RF	95	86	50000	67		13800	60	40700	90	36630
VAL BARRETTE	46 30 75 22	37	35	37	300	49	IP	300	37	500			60	400	80	320	
KIAMIKIA RIVER																	
ONTARIO																	
OWN FOREST INDUSTRIES LTD																	
ESPANDLA	46 16 81 46					96	RF	257	64	2000	46		2300	60	1600	80	1290
ED-ELECTRIC POWER COMMISSION OF ONTARIO																	
MOUNTAIN CHUTE	45 11 76 50	156	151	153	2800	67	F	100	153	112000	67		13800	60	75000	93	69750
MADAWASKA RIVER						67	F	100	153	112000	67		13800	60	75000	93	69750

TABLE 2. - CONTINUED

HYDRO		X		MAIN TURBINES				X		MAIN GENERATORS								
COMPANY NAME PLANT NAME WATER SUPPLY	CO.ORDINATES		OPERATING HEADS			AV. AN FLOW CFS	YEAR	RUNNER	RPM	HEAD	HP	YEAR	MOMENT OF INERTIA	VOLTS	FREQ.	KVA	POWER FACTOR	KW
	LAT	LONG	MAX	MIN	NORM													
MILLER BROS CO LTD																		
GLEN MILLER TRENT RIVER	44 08	77 35	14	12	13	1200	36		180	13	200	36		550	60	325	85	191
							36		225	13	225	36		550	60	325	85	276
							39		100	13	500	39		550	60	500	85	425
							45		150	13	200	45		550	60	210	85	186
							58		180	13	200	58		550	60	250	85	213
SASKATCHEWAN																		
SASKATCHEWAN POWER CORP																		
SQUAW RAPIDS	53 42	103 20					67	F	120	105	52750	67	58	14400	60	43000	90	38700
ALBERTA																		
GARY POWER LTD																		
BIG BEND	52 54	115 15					67	F	150	386	250000	67	105	13800	60	170000	95	161500
BRAZEAU P&G STATION BRAZEAU RIVER	52 54	115 15	20			1850	65	RPK	150	20	12850	65	2	13200	60	10400	90	9720
							67	RPK	150	20	2300	67	2	13200	60	10900	90	9720
BRITISH COLUMBIA																		
MINUM CO OF CANADA																		
EMAND	53 34	127 56					67	I	327	2500	150000	67	28	13800	60	132000	80	105600
<u>CHANGES</u>																		
NEWFOUNDLAND																		
MARITIMES MINING CORP LTD (SOLD THESE PLANTS TO THE NEWFOUNDLAND POWER COMMISSION)																		
HOOKS ARM SISTERS SYSTEM	49 51	55 33	273	270	271	29	57	I	1200	270	760	57		6900	60	700	80	560

TABLE 2. - CONTINUED

HYDRO			X MAIN TURBINES X										X MAIN GENERATORS X						
COMPANY NAME		CO ORDINATES		OPERATING HEADS			AV AN FLOW	YEAR RUNNER		RPM	HEAD	HP	YEAR	MOMENT OF INERTIA	VOLTS	FREQ	KVA	POWER FACTOR	KW
PLANT NAME		LAT	LONG	MAX	MIN	NORM	CFS												
WATER SUPPLY																			
VENAM'S RIGHT RUNNT ILE SYSTEM		49 52	55 40	268	256	260	18 57	I	1200	265	460	57			6900	60	450	80	360
NEW BRUNSWICK																			
CONSOLIDATED-BATHURST LTD (FORMERLY BATHURST POWER & PAPER CO LTD)																			
QUEBEC																			
MISSION HYDROELECTRIQUE DE QUEBEC																			
BEAUFARNOIS #2		45 19	73 55																
							50	RF	75	76	<u>56000</u>	50	110	13800	60	51400	80	41120	
							51	RF	75	76	<u>56000</u>	51	110	13800	60	51400	80	41120	
							51	RF	75	76	<u>56000</u>	51	110	13800	60	51400	80	41120	
							52	RF	75	78	<u>55000</u>	52	110	13800	60	50000	80	40000	
							52	RF	75	78	<u>55000</u>	52	110	13800	60	50000	80	40000	
							53	RF	75	76	<u>55000</u>	53	110	13800	60	50000	80	40000	
PARENT		47 48	74 42																
							56	RPK	360	27	<u>1200</u>	56			2300	60	1000	80	800
ST ELZEAR																			
							29	RP	900	118	<u>520</u>	29			2300	60	438	80	350
							43	RP	900	118	<u>520</u>	43			2300	60	438	80	350
BROKE ELECTRIC LIGHT CO LTD																			
W R BEATTY		45 55	76 55	(FORMERLY THE WALTHAM PLANT)															

DELETIONS

QUEBEC																			
MISSION HYDROELECTRIQUE DE QUEBEC																			
BELLE RIVIERE LA BELLE RIVER				89	87	88	95	28	RF	600	94	800	28		6900	60	750	80	600
ROYAL LTD																			
ST JEROME NORTH RIVER		45 46	74 00	30	26	28	322	19	RF	225	32	800	19		550	60	312	80	250

TABLE 2. - CONCLUDED

PLANT NAME	HYDRO	COORDINATES LAT LONG		OPERATING HEADS			AV AN FLOW CFS	X MAIN TURBINES				HP	X	MAIN GENERATORS					X			
								YEAR	RUNNER	RPM	HEAD			MOMENT OF INERTIA	VOLTS	FREQ	KVA	POWER FACTOR		KW		
																					MAX	MIN	NORM
ONTARIO																						
D-ELECTRIC POWER COMMISSION OF ONTARIO																						
ECHEW FALLS #1		43	07	79	16																	
								01	RF	257		3000	01			2380	60	2220	90	2000		
								02	RF	257		3000	02			2380	60	2220	90	2000		
								13	RF	360		3000	13			2380	60	2780	90	2500		
ANDOVER SAUGEEN RIVER		44	10	81	02																	
						12		00	RF	225		175	00			4000	60	190	80	150		
								00	RF	225		175	00			4000	60	190	80	150		
ONTARIO POWER		43	05	79	05																	
								13	RF	188		13400	13			12000	25	9750	90	8775		
								14	RF	188		13400	14			12000	25	9750	90	8775		
								19	RF	188		20000	19			12000	25	15000	90	13500		
OF THE WOODS MILLING CO LTD																						
LL A LAKE OF THE WOODS		49	46	94	33																	
						21	16	18		142	05	R	200	20	360	07		600	60	240	90	215
										05	R	200	20	360	07		600	60	240	90	215	
LL C LAKE OF THE WOODS		49	46	94	33																	
						21	16	18		31	07	R	150	16	425	07		550	60	280	98	275

TABLE 3.

[illegible]

TABLE 3. - CONTINUED

STEAM		X	BOILERS		X	PRIME MOVERS		X	MAIN GENERATORS					X
COMPANY NAME	CO ORDINATES		STEAM	FUEL		THROTTLE	MAX		COOL			POWER		
PLANT NAME	LAT LONG		PSIG	LH/HR AND		PSIG TEMP	CONT		-ANT	FREQ		FACTOR		
	YEAR		TEMP	000	FIRING	YEAR	TYPE	RPM	KW	YEAR	VOLTS	KVA	KW	
BRUCE FALLS POWER & PAPER CO LTD														
KAPISKASING MILL	49 25 82 26		28	260	560	85	CPW							
SASKATCHEWAN														
DOWSONS BAY MINING & SMELTING CO LTD														
FLIN FLON	54 46 101 53		67	200	450	90	D							
ALBERTA														
HERTA D.P.W.														
INST OF TECH	51 03 114 05		21	200	388	10	G							
			67	175	375	70	G							
RED DEER-HOSPITAL	52 16 113 48		67	175	375	70	G							
			67	160	370	35	G							
ALBERTA POWER LTD														
WABAMUN	53 33 114 28		67	2450	1005	2050	CPG	67	C	2350	1000	3600	300000	
										67	H	18500	60 333333 90 300000	
CANADIAN SUGAR FACTORIES LTD														
TABER	49 47 112 08							67	B	410	625	7500	5000	
										67	A	2300	60 5000 86 4300	
ALBERTA CANADIAN OIL SANDS LTD														
TAR ISLAND	56 57 111 26		66	795	750	825	(1)	66	RE	795	750	3600	32500	
			66	795	750	825	(1)	67	RE	795	750	3600	32500	
			67	795	750	825	(1)							
BRITISH COLUMBIA														
FOREST PRODUCTS LTD														
DIAMOND	49 13 122 38		67	160	364	7	W							
PETROLEUM COKE.														

TABLE 3. - CONTINUED

COMPANY NAME PLANT NAME	COORDINATES		YEAR	STEAM		FUEL LB/HR AND FIRING	YEAR	TYPE	THROTTLE		RPM	MAX CONT KW	YEAR	COOL -ANT VOLTS		FREQ	POWER FACTOR KVA		KW
	LAT	LONG		PSIG	TEMP				PSIG	TEMP									
HYDRO AND POWER AUTHORITY																			
BURRARD	49 17 122 52		67	1850	1010	1050	GO	67	C	1800	1000	3600	150000	67	H	16500	60	800001	90 162000
CANADIAN FORIST PRODUCTS LTD																			
PORT MELLON	49 32 123 29		62	400	550	220	OW												
OWN ZELLERRACH CANADA LTD																			
OCEAN FALLS	52 21 127 40		67	725	725	225	O												
CMILLAN BLOEDEL LTD																			
POWELL RIVER	49 52 124 33		67	900	925	400	O	67	B	900	925	3600	36000	67	A	13800	60	40000	90 36000
CTORIA PLYWOOD LTD VICTORIA	48 25 123 22		52	225	388	28	W	61	C	215	388	6097	450	61	A	450	60	563	80 450

CHANGES

NEW BRUNSWICK

NSOLIDATED-BATHURST LTD (FORMERLY BATHURST POWER & PAPER CO)

ONTARIO

RICAN CAN OF CANADA LTD (FORMERLY MARATHON CORPORATION LTD)

YMER CORPORATION LTD

SARNIA 42 58 82 23
43 440 650 308 CPOG 43 P 400 650 3600 4000

STEAM	X	BOILERS		X	PRIME MOVERS			X	MAIN GENERATORS					
COMPANY NAME PLANT NAME	COORDINATES LAT LONG		STEAM YEAR PSIG TEMP	FUEL LB/HR AND 000 FIRING	YEAR	TYPE	THROTTLE PSIG TEMP	RPM	MAX CONT KW	YEAR	COOL- ANT	FREQ VOLTS	KVA	POWER FACTOR KW
JUCE FALLS POWER & PAPER CO LTD														
KAPUSKASING MILL	49 25	82 26	28 260 560	95 100 CP CPG	28 28	R R	200 488 6500		650 650	28 28	A A	540 DC 540 DC		650 650
SASKATCHEWAN														
SASKATCHEWAN POWER CORP														
DUFEN ELIZABETH	52 07	106 38	58 875 915	600 CPNG	58	C	875 910 3600	66000	58	H	14400 60	93750	80	75000
ALBERTA														
KOOTENAY POWER CO LTD (THIS PLANT NOW OWNED BY CALGARY POWER CO)														
ENTINEL	49 38	114 35	46 240 550	90 90 CP CP	27 29	C C	225 550 3600	5000 5000	27 29	A A	6600 60	6250 6250	80 80	5000 5000
EDMONTON CITY OF														
EDMONTON	53 33	113 28	(FORMERLY LISTED AS THE EDMONTON PLANT)											
BRITISH COLUMBIA														
MILLAN BLOEDEL LTD														
DOWELL RIVER	49 52	124 33	180 550	70 0	51	R	550 775 3000	12500	51	A	6600 50	13125	80	10500
			51 600 800	150 WD										
			58 600 800	200 WD										
COAST TRANSMISSION CO LTD														
C MAHON														
	56 10	120 41	(FORMERLY LISTED AS THE TAYLOR PLANT)											

TABLE 3. - CONTINUED

COMPANY NAME PLANT NAME	COORDINATES		STEAM		FUEL		THROTTLE		MAX		COOL		FREQ		POWER	
	LAT	LONG	YEAR	PSIG	TEMP	LR/HR	AND	PSIG	TEMP	RPM	KW	YEAR	VOLTS	KVA	FACTOR	KW
DELETIONS																
NEWFOUNDLAND																
TILT COVE POWER CORP																
TILT COVE	49 53	55 35	60	420	740	0	60	C	400	740	3600	5000	60	W	6600	60 6250 80 5000
			60	420	740	0										
NOVA SCOTIA																
RS LTD																
HALIFAX	44 39	63 36	15	150	365	4	C					14	A	240	60	167 AC 133
			15	150	365	4	C									
			47	150	365	10	0	10	B	150	365	164	150			
NEW BRUNSWICK																
SER COMPANIES LTD																
NEWCASTLE	47 00	65 34						49	C	600	700	3600	2000	49	A	6900 60 2500 80 2000
								49	E	600	700	3600	2500	49	A	6900 60 3125 80 2500
ELECTRIC POWER COMM																
GRAND LAKE NO 1	46 04	66 00						31	C	430	660	3600	3575	31	A	7000 60 3575 70 2500
ONTARIO																
ADA & DOMINION SUGAR CO LTD																
TORONTO	43 40	79 23	58	100	316	15	0									
CONTINENTAL CAN CO																
ONTARIO MILL	43 39	79 24	28	300	548	60	0	41	C	265	510	4500	2600			

TABLE 3. - CONCLUDED

COMPANY NAME PLANT NAME	COORDINATES		STEAM		FUEL		THROTTLE		MAX		COOL		POWER	
	LAT	LONG	YEAR	PSIG	TEMP	LB/HR	AND	PSIG	TEMP	CONT	-ANT	FREQ	FACTOR	KW
SASKATCHEWAN														
UDSONS BAY MINING & SMELTING CO LTD														
FLIN FLON	54 46	101 53	30	250	550	14	0							
BRITISH COLUMBIA														
C FOREST PRODUCTS LTD														
HAMMOND	49 13	122 38	26	160	364	7	W							
ACMILLAN BLOEDEL LTD														
POWELL RIVER	49 52	124 33	30	600	800	100	0W							

TABLE 4.

INTERNAL COMBUSTION				X	PRIME MOVERS				X	MAIN GENERATORS						X		
COMPANY NAME PLANT NAME	COORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR		KW
	LAT	LONG																
<u>ADDITIONS</u>																		
NEWFOUNDLAND																		
NEWFOUNDLAND & LABRADOR GOVERNMENT OF																		
MAKOVIK	55 05	59 11	65	D	D	4	N	4	2000	65	60	65	220	60	75	80	60	
			67	D	D	4	N	4	1800	56	54	67	220	60	60	80	54	
D & LAB POWER COMM																		
RONNE PAY	49 30	57 55	67	D	D	4	N	6	720	175	130	67	600	60	125	80	100	
BRENTS COVE	49 56	55 43	67	D	D	4	N	4	1800	50	37	67	600	60	34	80	30	
			67	D	D	4	N	4	1800	50	37	67	600	60	38	80	30	
BURGED	47 36	57 34	67	D	D	4	N	8	1800	350	260	67	600	60	250	80	200	
CAPE RAY	47 37	59 15	67	D	D	4	N	2	1200	24	18	67	600	60	15	80	12	
CODROY	47 52	59 23	67	D	D	4	N	8	800	175	130	67	208	60	125	80	100	
COW HEAD	49 55	57 49	67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60	
FOGGO	49 43	54 17	67	D	D	4	N	6	720	175	130	67	208	60	125	80	100	
			67	D	D	4	N	6	720	175	130	67	208	60	125	80	100	
GALLANTS	48 42	58 14	67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40	
HAMPDEN	49 33	56 52	67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60	
			67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60	
HAPPY VALLEY	53 18	60 18	67	D	D	4	N	16	720	1600	1200	67	2400	60	1375	80	1100	
			67	D	D	4	N	16	720	1600	1200	67	2400	60	1375	80	1100	
			67	D	D	4	N	8	1200	400	300	67	600	60	315	80	250	
			67	D	D	4	N	8	1200	400	300	67	600	60	315	80	250	
HARBOUR BRETON	47 29	55 48	67	D	D	4	N	6	720	175	130	67	208	60	125	80	100	
INGS POINT	49 35	56 11	67	D	D	4	N	8	1200	175	130	67	600	60	125	80	100	
A SCIE	49 57	55 36	67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60	

TABLE 4. - CONTINUED

INTERNAL COMBUSTION				X	PRIME MOVERS										X	MAIN GENERATORS						X
COMPANY NAME PLANT NAME	COORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO. OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW					
	LAT	LONG																				
LITTLE BAY ISLANDS	49 39	55 47	67	D	D	4	N	6	1800	115	86	67	480	60	75	80	60					
MAKKOVIK	55 05	59 11	67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40					
MARYS HARBOUR	52 18	55 50	67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40					
MUD LAKE			67	D	D	4	N	2	1200	24	18	67	600	60	15	80	12					
			67	D	D	4	N	2	1200	24	18	67	600	60	15	80	12					
NORTHWEST RIVER	53 32	60 09	67	D	D	4	N	8	1200	175	130	67	208	60	125	80	100					
			67	D	D	4	N	8	1200	175	130	67	208	60	125	80	100					
			67	D	D	4	N	8	1200	175	130	67	208	60	125	80	100					
PORT SAUNDERS	50 39	57 18	67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60					
RAMEA	47 31	57 25	67	D	D	4	N	6	1200	115	86	67	208	60	75	80	60					
			67	D	D	4	N	6	1200	115	86	67	208	60	75	80	60					
			67	D	D	4	N	6	1200	115	86	67	208	60	75	80	60					
RODDICKTON	50 52	56 08	67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60					
ST ANTHONY	51 22	55 35	67	D	D	4	N	6	720	720	540	67	2400	60	625	80	500					
ST LUNAIRE	51 30	55 29	67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40					
			67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40					
TERRA NOVA	48 23	54 16	67	D	D	4	N	6	1800	75	56	67	600	60	50	80	40					
			67	D	D	4	N	6	900	75	56	67	600	60	63	80	50					
TERRENCEVILLE	47 42	54 43	67	D	D	4	N	6	1200	115	86	67	208	60	75	80	60					
			67	D	D	4	N	6	1200	115	86	67	208	60	75	80	60					
QUEBEC																						
MISSION HYDROELECTRIQUE DE QUEBEC																						
BLANC SARLON	51 26	57 08	67	D	D	2	N	12	720	900	670	67	2400	60	750	80	600					
HAVRE ST PIERRE	50 15	63 36	67	D	D	4	N	16	720	1440	1075	67	4160	60	1250	80	1000					
			67	D	D	4	N	16	720	1440	1075	67	4160	60	1250	80	1000					
JOHAN BEETZ	50 17	62 48	67	D	D	4		8	1800	227	170	67	4160	60	194	80	155					

TABLE 4. - CONTINUED

INTERNAL COMBUSTION				X		PRIME MOVERS						X		MAIN GENERATORS						X	
COMPANY NAME PLANT NAME	CO ORDINATES			YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW			
	LAT	LONG																			
LA ROMAINE				67	D	D	2	Y	4	1800	100	75	67	600	60	75	80	60			
				67	D	D	2	Y	4	1800	100	75	67	600	60	75	80	60			
																95	80	75			
LA TABATIERE	50 50	58 58		67	D	D							67	600	60	250	80	200			
				67	D	D							67	600	60	315	80	250			
NATASHQUAN	50 11	61 49		67	D	D			6	1800	200	150	67	4160	60	156	80	125			
				67	D	D			6	1200	360	270	67	4160	60	312	80	250			
PARENT	47 55	74 37		67									67			375	80	300			
ST AUGUSTIN	48 48	71 56		67	D	D			6	1800	150	115	67	2400	60	145	80	115			
QUEBEC CARTIER MINING CO																					
LAC JEANNINE	51 53	68 11		60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000			
PORT AND TERMINAL	50 03	66 47		60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000			
				60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000			
				60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000			
ONTARIO																					
NANDUQUE ELECTRIC LIGHT & WATER SUPPLY CO																					
STATION 6	44 20	76 10		67	D	GD	4	Y	8	327	2000	1400	67	4160	60	1563	80	1250			
				67	D	GD	4	Y	8	327	2000	1400	67	4160	60	1500	80	1200			
ALBERTA																					
BERTA D.P.W.																					
INST OF TECH-CALGARY	51 03	114 05		67	S	G	4	N	12	1200	675	500	67	4160	60	625	80	500			
CANADIAN UTILITIES LTD																					
FORT CHIPEWYAN	58 43	111 09		67	D	D	4	Y	12	1800	402	300	67	480	60	375	80	300			
FORT MC MURRAY	56 46	118 23		67	D	D	4	Y	12	1200	711	500	67	2400	60	625	80	500			

TABLE 4. - CONTINUED

INTERNAL COMBUSTION				X		PRIME MOVERS					X		MAIN GENERATORS					X	
ANY NAME PLANT NAME	CO ORDINATES		LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
HIGHLAND UTILITIES LTD																			
ASSUMPTION	58 43	118 43	67	D	D	4	N	6	900	138	75	67	440	60	94	80	75		
			67	D	D	4	N	6	900	109	75	67	440	60	106	80	75		
			67	D	D	4	N	6	900	128	75	67	550	60	94	80	75		
HIGH LEVEL	58 28	117 08	67	D	D	4	Y	12	1200	810	600	67	2400	60	750	80	600		
			67	D	D	4	Y	12	1200	810	600	67	2400	60	750	80	600		
ASPER	52 53	118 05	67	D	D	4	Y	4	1800	70	40	67	2300	60	1080	80	850		
EAN D OR PRAIRIE	58 23	115 04	67	D	D	4	Y	4	1800	70	40	67	120	60	50	80	40		
VERLANDER	52 33	118 05	67	S	G	4	N	6	1200	134	100	67	480	60	125	80	100		
OCAHONTAS	53 12	117 56	67	S	G	4	Y	6	1236	350	250	67	480	60	312	80	250		
AINBOW	58 30	119 29	67	D	D	4	Y	12	1200	711	500	67	2400	60	625	80	500		
ABASCA	56 00	113 53	67	D	D	4	N	6	1200	335	250	67	480	60	312	80	250		
BRITISH COLUMBIA																			
HYDRO AND POWER AUTHORITY																			
FLIN	59 34	133 42	67	D	D	4	N	6	1800	248	150	67	2400	60	187	80	150		
ELLS	53 06	121 34	67	D	D	4	N	6	1800	290	150	67	2400	60	187	80	150		
			67	D	D	4	N	8	1200	240	150	67	2400	60	187	80	150		
OBILE UNIT 98			67	D	D	4	N	12	1200	795	500	67	2400	60	625	80	500		
OBILE UNIT 101			67	D	D	4	N	16	720	1440	1000	67	4160	60	1250	80	1000		
OBILE UNIT 102			67	D	D	4	N	16	720	1440	1000	67	4160	60	1250	80	1000		
OBILE UNIT 103			67	D	D	4	N	16	720	1440	1000	67	4160	60	1250	80	1000		

TABLE 4. - CONTINUED

INTERNAL COMBUSTION		X	PRIME MOVERS										X	MAIN GENERATORS					X
COMPANY NAME PLANT NAME	CO ORDINATES LAT LONG	YEAR	TYPE	FUEL	CYCLE	SUPPL	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW			
NADIAN FOREST PRODUCTS LTD																			
ENGLEWOOD	50 32 126 52	67	D	D	4	N	6	1800	134	100	67	220	60	125	80	100			
CASSIAR ASBESTOS CORP LTD																			
CASSIAR	59 17 129 48	67	D	D	4	Y	8	514	1450	900	67	2400	60	1125	80	900			
ANDUC MINES LTD																			
TIDE CAMP	56 14 130 04	67	D	D	4	N	12	1200	795	593	67	2400	60	625	80	500			
SPROR MINES LTD TASU	52 46 142 00	67	D	DR	4	Y	12	450	33000	2210	67	4160	60	2770	80	2210			
		67	D	DR	4	Y	12	450	33000	2210	67	4160	60	2770	80	2210			
		67	D	DR	4	Y	12	450	33000	2210	67	4160	60	2770	80	2210			
		67	D	DR	4	Y	12	450	33000	2210	67	4160	60	2770	80	2210			
		67	D	DR	4	Y	12	450	33000	2210	67	4160	60	2770	80	2210			
ST KOOTENAY POWER & LIGHT CO LTD																			
MORILE UNIT		63	S	D	2	Y	4	1600	260	194	63	460	60	250	80	200			
NORTHWEST TERRITORIES																			
PERIAL OIL LTD																			
NORMAN WELLS	65 17 126 51	67	D	D	4	Y	12	1200	625	300	67	230	60	375	80	300			
NORTHERN CANADA POWER COMM																			
AKLAVIK	68 14 135 01	53	D	D	4	N	5	500	300	200	53	220	60	250	80	200			
		53	D	D	2	Y			300	200	53	220	60	250	80	200			
		53	D	D	4	N	6	1350	40	30	53	220	60	38	80	30			
		53	D	D	4	N	6	1350	40	30	53	220	60	25	90	23			
		53	D	D	4	Y	4	1800	100	60	53	220	60	75	80	60			
CAMBRIDGE BAY	69 07 105 03	67	D	D	4	Y	8	600	480	250	67	4180	60	312	80	250			
		67	D	D	4	Y	8	600	480	250	67	4180	60	312	80	250			
COPPERMINE	67 49 115 06	67	D	D	4	N	6	600	360	200	67	4160	60	250	80	200			
		67	D	D	4	N	6	600	360	200	67	4160	60	250	80	200			
		67	D	D	4	N	6	600	360	200	67	4160	60	250	80	200			

TABLE 4. - CONTINUED

INTERNAL COMBUSTION				X		PRIME MOVERS					X		MAIN GENERATORS					X		
COMPANY NAME PLANT NAME	CO ORDINATES		LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR		KW
FORT MC PHERSON	67	26	134	53																
					D	D	4	Y	8	600	490	250		2400	60	313	80	250		
					D	D	4	Y	8	600	480	250		2400	60	313	80	250		
					D	D	4	N	8	600	125	100		2400	60	125	80	100		
					D	D	4	N	8	600	125	100		2400	60	125	80	100		
INUVIK	68	21	113	43	67	D	D	4	Y	6	400	1414	1000	60	4160	60	1250	80	1000	
YUKON																				
NORTHERN CANADA POWER COMM																				
DAWSON	64	03	139	25	67	D	D	4	Y	8	600	480	250	67	4160	60	312	80	250	
					67	D	D	4	Y	8	600	480	250	67	4160	60	312	80	250	
					67	D	D	4	Y	8	600	480	250	67	4160	60	312	80	250	
KON ELECTRICAL CO LTD																				
CAMMACKS	62	06	136	10	67	D	D	4	Y	6	1800	319	200	67	2400	60	250	80	200	
HAINES JUNCTION	60	45	137	30	67	D	D	4	Y	6	1200	245	150	67	2300	60	188	80	150	
OLD CROW	67	35	139	50	67	D	D	4	Y	4	1800	118	60	67	240	60	94	80	60	
ROSS RIVER	62	00	132	27	67	D	D	4	Y	6	1200	270	100	67	2400	60	125	80	100	
					67	D	D	4	Y	6	1200	270	200	67	2300	60	250	80	200	
SWIFT RIVER	60	00	131	15	67	D	D	4	N	6	1200	190	100	67	2400	60	125	80	100	
					67	D	D	4	N	6	1200	190	100	67	2400	60	125	80	100	
TESLIN	60	10	132	44	67	D	D	4	Y	6	1200	330	250	67	2400	60	313	80	250	
					67	D	D	4	N	8	900	139	90	67	2400	60	112	80	90	
WATSON LAKE	60	07	128	48	67	D	D	4	Y	12	1200	528	350	67	2400	60	438	80	350	
					67	D	D	4	N	8	900	139	90	67	2400	60	112	80	90	
					67	D	D	4	N	8	900	139	90	67	2400	60	112	80	90	

TABLE 4. - CONTINUED

INTERNAL COMBUSTION			X	PRIME MOVERS								X	MAIN GENERATORS					X
COMPANY NAME	CO ORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW	
PLANT NAME	LAT	LONG																
<u>CHANGES</u>																		
NEWFOUNDLAND																		
FEDERAL DEPT OF TRANSPORT (ACQUIRED FROM DEPT OF NATIONAL DEFENCE)																		
GOOSE BAY	53 19	60 24	52	D	D	4	Y	8	360	1200	750	52	4160	60	830	80	750	
			52	D	D	4	Y	8	360	1200	750	52	4160	60	830	80	750	
			52	D	D	4	Y	8	360	1200	750	52	4160	60	830	80	750	
			52	D	D	4	Y	8	360	1200	750	52	4160	60	830	80	750	
			59	D	D	2	Y	16	720	1440	1000	59	4160	60	1750	80	1000	
LIPACK FISHERIES LTD (FORMERLY OWNED BY FISHERY PRODUCTS LTD)																		
ISLE AUX MORTS	47 36	59 01	55	D	D	4	N	4	1200	105	60	55	220	60	75	80	60	
			55	D	D	4	N	4	1200	75	40	55	220	60	50	80	40	
			55	D	D	4	N	4	1800	105	60	55	220	60	75	80	60	
QUEBEC																		
ELECTRIQUE DE MONT LAURIER LTÉE (NOW OWNED BY THE COMMISSION HYDROELECTRIQUE DE QUEBEC)																		
MONT LAURIER	46 33	75 30	61	D	D	2		8	1200	565	350	61	2400	60	438	80	350	
			61	D	D	2		8	1200	565	350	61	2400	60	438	80	350	
			62	D	D	2		12	1200	900	600	62	2400	60	750	80	600	
VAL BARRETTE	46 30	75 22	63	D	D	4	Y	6	1200	253	160	63	50	60	240	80	160	
			64	D	D	4	Y	6	1200	190	125	64	50	60	156	80	125	
BRITISH COLUMBIA																		
MINCO LTD																		
BLUERELL MINE	49 46	116 52	47	D	D	4	N	6	600	120	70	47	600	60	90	80	70	
			47	D	D	4	N	6	600	120	70	47	600	60	90	80	70	
			57	D	D	2	Y	6	1800	300	150	57	600	60	190	80	150	

TABLE 4. - CONTINUED

[illegible]

[illegible]

TABLE 4. - CONTINUED

INTERNAL COMBUSTION				X	PRIME MOVERS							X	MAIN GENERATORS						X
COMPANY NAME PLANT NAME	CO ORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW		
	LAT	LONG																	
			51	D	D	4	N	6	900	138	75	51	440	60	94	80	75		
BRITISH COLUMBIA																			
ALUMINUM CO OF CANADA LTD																			
KITIMAT	54 00	128 42	59	D	D	2	Y	16	720	1440	1074	59	2400	60	1250	80	1000		
			59	D	D	2	Y	16	720	1440	1074	59	2400	60	1250	80	1000		
			59	D	D	2	Y	16	720	1440	1074	59	2400	60	1250	80	1000		
HYDRO AND POWER AUTHORITY																			
ALERT BAY	82 30	62 20	61	D	D	4	N	6	1800	290	150	61	2400	60	187	80	150		
BELLA COOLA	52 22	126 46	56	D	D	4	Y	6	1800	248	150	56	2400	60	187	80	150		
QUEEN CHARLOTTE	53 16	132 05	55	D	D	4	N	8	900	146	100	55	2400	60	120	80	100		
			58	D	D	4	Y	6	1800	180	150	58	2400	60	188	80	150		
			60	D	D	4	N	6	1800	76	60	60	240	60	75	80	60		
CANADIAN FOREST PRODUCTS LTD																			
ENGLEWOOD	50 32	126 52	46	D	D	4	N	6	1200	45	30	46	220	60	38	80	30		
			46	D	D	4	N	4	1200	56	25	46	220	60	33	80	25		
RIBBO GOLD QUARTZ MINING CO LTD																			
WELLS	53 06	121 34	36	D	D	4	N	8	400	600	300	36	460	60	438	80	350		
			36	D	D	4	N	7	400	525	267	36	460	60	375	80	300		
			36	D	D	4	N	6	400	450	210	36	460	60	312	80	250		
			37	D	D	4	N	7	400	525	267	37	460	60	375	80	300		
			40	D	D	4	N	6	600	180	110	40	460	60	156	80	125		
			47	D	D	4	N	8	720	250	150	47	460	60	187	80	150		
			54	D	D	4	N	6	450	330	200	54	460	60	312	80	250		
			55	D	D	4	N	4	450	220	140	55	460	60	188	80	150		
PIRE DEVELOPMENT																			
PORT MC NEILL	50 35	127 06	57	D	D	4	Y	8	1200	308	200	57	240	60	250	80	200		
			57	D	D	4	Y	8	1200	308	200	57	240	60	250	80	200		
			57	D	D	4	Y	8	1200	308	200	57	240	60	250	80	200		
			57	D	D	4	Y	6	1800	195	150	57	240	60	188	80	150		

TABLE 4. - CONCLUDED

COMPANY NAME PLANT NAME	CO. ORDINATES LAT LONG	INTERNAL COMBUSTION		X	PRIME MOVERS					X	MAIN GENERATORS					X
		YEAR	FUEL	CYCLE	SUPER	NO OF	RPM	HP	KW		YEAR	VOLTS	FREQ	KVA	POWER FACTOR	
VER CREEK SAWMILLS LTD																
NAVER		56	D	D	4	N	2	1800	22	10	56	115	60	13	80	10
NORTHWEST TERRITORIES																
NORTHERN CANADA POWER COMM																
FORT SMITH	60 00 111 53	60	D	D	4	Y	6	400	1414	1000	60	4160	60	1250	80	1000
YUKON																
YUKON ELECTRICAL CO LTD																
CARMACKS	62 22 140 52	66	D	D	4	Y	6	1800	270	100	66	2400	60	125	80	100
OLD CRCW	67 35 139 50	64	D	D	4	Y	4	2400	56	40	64	240	60	50	80	40
ROSS RIVER	62 00 132 27	66	D	D	4	N	6	1200	190	100	66	2400	60	125	80	100
		66	D	D	4	Y	4	1800	118	60	66	120	60	94	80	60
TESLIN	60 10 132 44	62	D	D	4	N	6	1200	190	100	62	2400	60	125	80	100
		66	D	D	4	Y	6	1800	319	200	66	2300	60	250	80	200
WATSON LAKE	60 07 128 48	63	D	D	4	Y	6	1200	245	150	63	2300	60	187	80	150
		65	D	D	4	Y	6	1200	335	250	65	2400	60	312	80	250

TABLE 5.

GAS TURBINE				X		MAIN TURBINES					X		MAIN GENERATORS					X	
COMPANY NAME PLANT NAME	CO ORDINATES		FUEL YEAR	TURBINE CYCLE	INLET TEMP F	PRESSURE RATIO	SHAFTS NO	RPM	KW CAPACITY AT AMBIENT	COOL -ANT	FREQ	POWER FACTOR	KW						
	LAT	LONG												0 F	80 F	YEAR	VOLTS	KVA	
<u>ADDITIONS</u>																			
ONTARIO																			
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO																			
DETWEILER	42 43	80 33	67 0	S	1450	6.9/1	1	4912	19500	14250	67	A	13500	60	19200	85	16320		
			67 0	S	1450	6.9/1	1	4912	19500	14250	67	A	13500	60	19200	85	16320		
			67 0	S	1450	6.9/1	1	4912	19500	14250	67	A	13500	60	19200	85	16320		
			67 0	S	1450	6.9/1	1	4912	19500	14250	67	A	13500	60	19200	85	16320		
J CLARK KEITH	42 17	83 06	67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	2400	60	8820	85	7500		
LAKEVIEW	43 34	79 33	67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
LAMRTON	42 48	82 26	67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
RICHARD L HEARN	43 39	79 20	67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
			67 0	S	1130	5.5/1	2	7500	7450	5350	67	A	4160	60	8820	85	7500		
MANITOBA																			
MANITOBA HYDRO SELKIRK	50 09	96 52	67 K(1)	S	1060	2.4/1	2	6200 10000	12260	9500	67	A	4160	60	14000	85	11900		
SASKATCHEWAN																			
SASKATCHEWAN POWER CORP																			
SUCCESS	50 26	108 17	67 G	S	1150	2.7/1	2	9200	15000	9500	67	A	13800	60	14800	80	11840		
			67 G	S	1150	2.7/1	2	9200	15000	9500	67	A	13800	60	14800	80	11840		

1) KEROSENE.

TABLE 5. - CONCLUDED

GAS TURBINE		X		MAIN TURBINES				X		MAIN GENERATORS					X	
COMPANY NAME PLANT NAME	CO ORDINATES		FUEL YFAR	TURBINE INLET CYCLE TEMP F	PRESSURE RATIO	SHAFTS NO	RPM	KW CAPACITY AT AMBIENT O F	COOL -ANT YEAR	FREQ VOLTS	POWER FACTOR KVA	KW				
	LAT	LONG														
BRITISH COLUMBIA																
C HYDRO AND POWER AUTHORITY																
MOBILE UNIT 99																
		67	60	S	1400	3.4/1	2	7500	7500	5000	67	A	12500	60	7500 80 6000	
MOBILE UNIT 100																
		67	60	S	1400	3.4/1	2	7500	7500	5000	67	A	4160	60	7500 80 6000	

DELETIONS

NEWFOUNDLAND

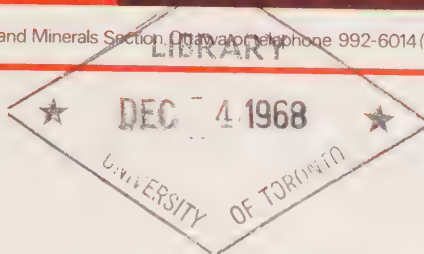
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\$5.00 A YEAR



Catalogue No. 57-002
Vol. 3, No. 49

November 13, 1968.

CONTENTS

	Page
1. Selected Electric Power Statistics, 1967	1
2. Principal Statistics for the Crude Petroleum and National Gas Industry 1961-1965 by Province	4

1. Selected Electric Power Statistics, 1967, Cat. No. 57-202 Production and Disposal of Electric Energy in 1967

Production of electric energy in 1967 amounted to 165,625,000,000 kilowatt-hours, up 4.7% from the 1966 total of 158,135,000,000 kilowatt-hours according to an advance release of data that will be contained in the 1967 issue of the annual DBS report "Electric Power Statistics Vol. II Annual Statistics." Generation by utilities in 1967 rose 5.8% to 133,301,000,000 from 125,998,000,000 kwh. in the preceding year, and generation by industrial establishments-mainly for use in own plants-increased 0.6% to 32,324,000,000 from 32,137,000,000 kwh.

Electric energy made available in Canada in 1967 aggregated 165,812,000,000 kwh. (up 5.6% from the 1966 total of 156,956,000,000 kwh.). Imports rose 29.9% to 4,181,000,000 kwh. while exports decreased 9.2% to 3,994,000,000 kwh.

Sales to ultimate customers and to industrial establishments with generating facilities increased 6.2% to 125,239,000,000 kwh. from the 1966 total of 117,873,000,000 kwh. Total revenue from these sales amounted to \$1,304,872,000 up 7.9% from the total of \$1,209,468,000 in 1966. The revenue per kilowatt-hour for domestic and farm service was 1.45¢ compared with 1.41¢ in 1966 and 1.60¢ in 1960. At the same time, average annual consumption per domestic and farm customer rose to 6,261 kwh. from 5,914^r kwh. in 1966 and 4,489 kwh. in 1960.

Wages and salaries (excluding construction employees) paid by the electric utility industry amounted to \$314,898,000 in 1967, an increase of 9.9% over the \$286,599,000 in 1966. During the same period the number of employees rose 2.3% to 43,866 from 42,886.

6503-521

Selected Electric Power Statistics, 1967

	Installed generating capacity			Generation			Energy made available in Canada
	Utilities	Industrials	Total	Utilities	Industrials	Total	
	thousand kilowatts			million kilowatt hours			
CANADA	27,520,754	5,242,113	32,762,867	133,301	32,324	165,625	165,812
Newfoundland	700,811	88,605	789,416	2,658	548	3,206	3,122
Prince Edward Island ..	57,391	-	57,391	182	-	182	182
Nova Scotia	616,101	78,920	695,021	2,665	295	2,960	2,887
New Brunswick	688,396	124,825	813,221	3,045	590	3,635	3,427
Quebec	9,239,016	2,365,745	11,604,761	47,038	16,846	63,884	58,790
Ontario	9,451,149	598,380	10,049,529	49,146	2,960	52,106	56,835
Manitoba	1,407,498	21,781	1,429,279	6,499	66	6,565	6,752
Saskatchewan	1,033,340	44,857	1,078,197	4,152	211	4,363	3,969
Alberta	1,899,222	151,648	2,050,870	6,284	515	6,799	6,799
British Columbia	2,352,849	1,750,426	4,103,275	11,341	10,253	21,594	22,718
Yukon	23,310	10,050	33,360	109	8	117	117
Northwest Territories	51,671	6,876	58,547	182	32	214	214

Disposal of Electric Energy - 1967

	Used in own plant	Domestic and farm service				General service (commercial)	Power sales			Total sales to ultimate customers (1) and industrial establishments with generating facilities			
		Sales		kwh. per customer	Revenue per kwh. ¢		Sales		To industrial est. with generating fac.				
		Million kwh.	'000 \$				Million kwh.	'000 \$					
Canada	44,480	35,005	507,131	6,261	1.45	17,148	291,298	54,403	417,775	17,477	79,328	125,239	1,327,512
Newfoundland	1,252	315	7,100	3,545	2.25	159	4,242	1,225	9,829	910	5,577	2,622	27,373
Prince-Edward- Island	-	72	2,382	2,981	3.31	52	1,725	34	563	-	-	160	4,786
Nova Scotia	648	822	18,330	4,147	2.23	625	15,646	507	7,605	364	2,219	2,347	45,237
New Brunswick ...	1,146	603	16,055	3,798	2.66	337	8,676	1,034	11,596	710	4,297	2,706	41,809
Quebec	20,218	10,042	132,718	6,442	1.32	3,869	66,396	19,986	132,074	8,029	26,623	42,287	366,149
Ontario	7,464	14,521	187,914	6,924	1.29	7,162	93,494	21,787	162,800	4,892	26,960	46,991	481,211
Manitoba	935	2,025	23,548	7,827	1.17	525	12,542	2,315	19,338	202	1,152	5,442	58,541
Saskatchewan	214	1,285	28,511	4,943	2.22	358	9,010	1,513	22,660	2	34	3,192	61,749
Alberta	890	1,697	31,273	4,591	1.84	1,235	27,505	2,073	23,065	177	1,145	5,300	86,134
British Columbia	11,670	3,586	58,833	6,282	1.64	2,480	48,883	3,554	26,365	2,188	11,308	11,930	148,107
Yukon	8	14	415	5,722	2.99	16	835	67	944	-	-	98	2,236
Northwest Terri- tories	35	23	852	7,046	3.75	30	2,344	108	936	3	13	164	4,180

(1) Includes sales for street lighting.

2. Principal Statistics for the Crude Petroleum and Natural
Gas Industry (S.I.C. 064) 1961-1965, by Province

Statistics for the crude petroleum and natural gas industry, on a revised basis to conform with the concepts of the Revised Standard Industrial Classification and New Establishment Concept, have been completed and will be published in Catalogue 26-213 "The Crude Petroleum and Natural Gas Industry, 1965. The publication will contain data on production, value added, salaries and wages, employment, operating expenditures for materials, supplies and services, capital expenditures, etc.

The following table is a summary of data to be contained in the publication.

Principal Statistics for the Crude Petroleum and Natural Gas Industry (S.I.C. 064) by Province - 1961-65

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year and province	Establishments	Producing activity						Total activity				
		Production and related workers			Cost of electricity	Cost of materials, supplies and fuel	Value of marketable production	Value added	Working owners and partners		Employees	
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages
	No.		'000			\$'000				\$'000		\$'000
1961												
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	12	21	41	-	24	172	148	-	-	15	56
Quebec	-	-	-	-	-	-	-	-	-	-	-	-
Ontario	195	279	508	806	105	373	9,217	8,739	-	-	397	1,493
Manitoba	32	74	150	357	341	227	10,156	9,588	-	-	108	529
Saskatchewan	128	545	1,147	2,787	2,742	2,151	119,716	114,823	-	-	1,127	6,590
Alberta	238	2,421	5,208	13,513	6,715	11,907	455,039	436,417	-	-	9,148	59,913
British Columbia	35	112	256	654	-	312	13,757	13,445	-	-	367	2,407
Yukon, Northwest Territories and Arctic Islands	1	21	44	180	-	224	744	520	-	-	22	191
Totals	632	3,464	7,334	18,338	9,903	15,218	608,801	583,680	-	-	11,184	71,179
1962												
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	11	24	35	-	22	166	144	-	-	14	48
Quebec	-	-	-	-	-	-	-	-	-	-	-	-
Ontario	179	243	469	812	102	411	9,535	9,022	-	-	348	1,628
Manitoba	40	55	122	256	306	202	9,436	8,928	-	-	86	427
Saskatchewan	130	530	1,113	2,707	3,195	2,353	146,402	140,854	-	-	1,032	5,889
Alberta	236	2,471	5,255	14,654	7,634	14,279	510,942	459,029	-	-	9,243	63,954
British Columbia	29	171	394	1,023	-	689	30,544	29,855	-	-	498	3,308
Yukon, Northwest Territories and Arctic Islands	6	9	18	55	-	224	812	588	-	-	11	71
Totals	621	3,490	7,396	19,542	11,237	18,180	707,837	678,420	-	-	11,232	75,325
1963												
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	9	22	33	-	22	136	111	-	-	11	48
Quebec	-	-	-	-	-	-	-	-	-	-	-	-
Ontario	165	220	403	769	108	401	9,865	9,356	-	-	312	1,469
Manitoba	41	59	117	296	284	192	9,177	8,701	-	-	82	432
Saskatchewan	133	519	1,066	2,770	3,916	3,111	165,471	158,526	-	-	1,056	6,281
Alberta	223	2,380	5,039	14,102	9,026	16,586	594,313	568,701	-	-	9,261	64,164
British Columbia	37	176	385	1,202	-	795	38,860	37,983	-	-	487	3,422
Yukon, Northwest Territories and Arctic Islands	24	15	43	108	-	224	635	411	-	-	28	196
Totals	624	3,378	7,075	19,280	13,334	21,331	818,457	783,792	-	-	11,237	76,012
1964												
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	6	14	19	-	12	117	105	-	-	7	28
Quebec	-	-	-	-	-	-	-	-	-	-	-	-
Ontario	136	215	433	766	114	419	9,239	8,706	-	-	313	1,512
Manitoba	50	71	153	350	261	177	10,296	9,858	-	-	104	532
Saskatchewan	136	465	1,020	2,714	4,286	3,205	192,855	185,364	-	-	952	6,134
Alberta	228	2,357	5,185	13,775	8,870	17,425	651,275	621,980	-	-	9,405	65,953
British Columbia	56	169	380	1,094	-	798	39,321	38,522	-	-	411	2,826
Yukon, Northwest Territories and Arctic Islands	33	19	51	166	-	135	470	335	-	-	42	321
Totals	640	3,302	7,236	18,884	13,531	22,171	903,573	867,871	-	-	11,242	77,306
1965												
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	2	6	16	27	-	9	105	96	-	-	6	27
Quebec	3	-	-	-	-	-	-	-	-	-	8	58
Ontario	107	226	480	1,209	120	385	9,855	9,350	-	-	353	2,069
Manitoba	60	63	128	296	266	183	11,530	11,081	-	-	91	485
Saskatchewan	139	503	1,076	3,019	4,754	3,951	207,627	198,922	-	-	990	6,522
Alberta	233	2,283	4,941	13,937	8,940	18,308	701,510	674,262	-	-	9,930	72,273
British Columbia	75	147	314	961	-	793	46,875	46,082	-	-	375	2,766
Yukon, Northwest Territories, Arctic Islands, Offshore and Hudson Bay ...	56	34	95	240	-	95	633	538	-	-	64	487
Totals	675	3,262	7,050	19,689	14,080	23,724	978,135	940,331	-	-	11,817	84,687

(959)

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\$5.00 A YEAR

Catalogue No. 57-002
Vol. 3, No. 50

November 14, 1968

CONTENTS

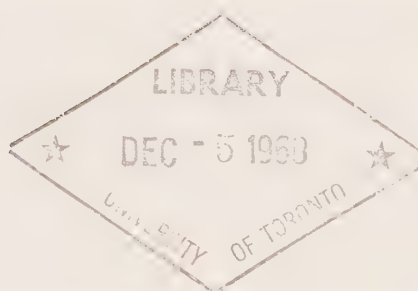
	Page
1. Oil Pipeline Transport, July 1968	1
2. Preliminary Electric Energy Statistics, August ^{September} 1968	2
3. Sales of Natural Gas, August 1968	3

1. Oil Pipeline Transport, July 1968, Cat. No. 55-001.

Oil movements by Canadian oil pipelines increased by 10.5% in July 1968 with receipts of 53,610,488 barrels compared with 48,520,357 in the preceding year; import receipts increased by 32.5%.

Total traffic amounted to 24,124 million barrel miles with an average length of haul of 447.6 miles.

6503-521



Oil Pipeline Transport, July 1968

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G. 'S.	Total July 1968	Total July 1967	% of increase or decrease over 1967
	barrels 35 Canadian gallons				
<u>Net receipts</u>					
Domestic	34,960,378	6,730,924	41,691,302	39,524,288	5.5
Imports	11,866,887	52,299	11,919,186	8,996,069	32.5
Total net receipts	46,827,265	6,783,223	53,610,488	48,520,357	10.5
<u>Net deliveries</u>					
Domestic	31,436,110	6,311,513	37,747,623	33,310,376	13.3
Exports	15,940,609	204,726	16,145,335	14,619,804	10.4
Total net deliveries	47,376,719	6,516,239	53,892,958	47,930,180	12.4
Inventory change	- 510,483	256,793	- 253,690	472,028	-

2. Preliminary Electric Energy Statistics, September 1968 Catalogue No. 57-001

Net generation of electric energy increased 7.9 per cent to 13,669,724 thousand kwh. in September 1968 from 12,664,450 thousand kwh. in September 1967. Hydro generation increased 5.8 per cent while thermal output was up 15.0 per cent. Nova Scotia, New Brunswick, Manitoba, Saskatchewan and Alberta experienced decreases in Hydro generation during the month, while Saskatchewan and Alberta increased their thermal generation.

Imports remained about the same, while exports decreased 5.7 per cent to 274,343 thousand kwh. from 290,983 thousand kwh.

Secondary energy consumption increased to 197,643 thousand kwh. from 105,973 thousand kwh. last year. This is the largest increase in secondary consumption since February 1968. Firm energy consumption was up 7.4 per cent to 13,545,672 thousand kwh.

Total generation for the twelve month period ending September 30, 1968 amounted to 172,045,326 thousand kwh.

Preliminary Electric Energy Statistics
(thousand Kwh)

	September		
	1966	1967	1968
Net generation - Hydro	9,992,466 ^F	9,776,891 ^F	10,346,354
Thermal	2,609,005 ^F	2,887,559 ^F	3,323,370
Total net generation	12,601,471 ^F	12,664,450 ^F	13,669,724
Energy imported from U.S.A.	220,995	348,200	347,934
Energy exported to U.S.A.:			
Firm	39,401	57,647	58,499
Secondary	353,122	233,336	215,844
Total exported to U.S.A.	392,523	290,983	274,343
Net energy used in Canada	12,429,943 ^F	12,721,667 ^F	13,743,315
Secondary energy used in Canada	387,599 ^F	105,973 ^F	197,643
Firm energy used in Canada	12,042,344 ^F	12,615,694 ^F	13,545,672

^F Revised figures.

3. Sales of Natural Gas, August 1968 Catalogue No. 55-002

Total sales of natural gas to Canadian consumers by distributors for August 1968 were 42,452,627 Mcf. This was an increase of 12.6% over the same month last year. Revenue from sales was \$22,086,199.

Sales to residential customers accounts for 11.4% to industrial customers 78.0% and to commercial customers 10.6%.

Sales of Natural Gas, August 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,822	2,238	8,284
Quebec	93,517	198,896	334,973	982,536
Ontario	546,006	677,255	1,736,370	2,513,469
Manitoba	101,578	104,057	314,673	398,787
Saskatchewan	112,360	117,846	463,113	561,028
Alberta	251,710	253,992	1,301,968	1,118,099
British Columbia	171,354	190,071	703,564	1,204,746
Canada	1,276,655	1,543,939	4,856,899	6,786,949
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,237	2,692,484	1,193,175	1,193,175
Ontario	7,373	11,795,341	6,150,068	6,150,068
Manitoba	291	1,051,845	316,931	316,931
Saskatchewan	599	3,494,333	841,721	841,721
Alberta	919	8,439,930	1,528,970	1,528,970
British Columbia	322	5,636,316	1,652,826	1,652,826
Canada		11,741	33,110,249	11,683,691
Firm		10,062	21,574,881	7,894,233
Interruptible		1,679	11,535,368	3,789,458
Commercial:				
New Brunswick	60	1,153	2,634	2,634
Quebec	10,193	255,069	333,538	333,538
Ontario	60,099	1,935,698	1,875,468	1,875,468
Manitoba	9,266	205,817	167,124	167,124
Saskatchewan	15,672	260,126	196,509	196,509
Alberta	28,667	1,354,411	579,769	579,769
British Columbia	24,234	473,205	460,517	460,517
Canada		148,191	4,485,479	3,615,559
Total sales:				
New Brunswick	1,882	3,391	10,918	10,918
Quebec	211,326	3,282,526	2,509,249	2,509,249
Ontario	744,727	15,467,409	10,539,005	10,539,005
Manitoba	113,614	1,572,335	882,842	882,842
Saskatchewan	134,117	4,217,572	1,599,258	1,599,258
Alberta	283,578	11,096,309	3,226,838	3,226,838
British Columbia	214,627	6,813,085	3,318,089	3,318,089
Canada		1,703,871	42,452,627	22,086,199
Total exports			47,424,400	12,120,565
Total imports			7,088,369	3,239,167

(1) Contains estimates.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613); \$5.00 A YEAR

Catalogue No. 57-002
Vol. 3, No. 51

NOV 22 1968
UNIVERSITY OF TORONTO

CONTENTS

	Page
1. Coal and Coke Statistics, September 1968	1
2. Refined Petroleum Products, August 1968	3

1. Coal and Coke Statistics, September 1968 - Cat. No. 45-002	
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Coal production for the month of September 1968 amounted to 772,518 tons a decrease of 14.6% from the September 1967 production of 904,176 tons; the main decrease was in the province of Nova Scotia. Landed imports were 2,332,441 tons compared with 1,218,973 tons for the month of September 1967. Consumption by industrial consumers amounted to 1,170,507 tons of coal and 438,169 of coke, a decrease of 23,540 tons of coal and an increase of 6,164 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 6,661,208 tons from 6,340,801 tons in September 1967.

Coke production during the month of September 1968 decreased to 364,403 tons from 364,779 tons in September 1967, while coke used in blast furnaces decreased to 288,516 tons from 308,236 tons during the same period.

6503-521

September 1968

	Coal					Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers	
tons								
Newfoundland	-	-	-	-	-	-	-	
Prince Edward Island	-	-	-	-	-	-	-	
Nova Scotia	238,326	43,806	336,269	80,747	20,171	29,961	-	
New Brunswick	60,627	234	54,979	57,084	54,206	-	-	
Quebec	-	100,151	-	86,359	322,248	54,803	136,335	
Ontario	-	2,188,250	-	642,221	5,665,565	327,663	105,224	
Manitoba	-	-	-	21,820	112,070	72	738	
Saskatchewan	134,023	-	133,575	109,782	164,097	-	-	
Alberta	274,491	-	204,833	164,616	29,025	335	233	
British Columbia and Yukon	65,051	-	36,919	7,878	10,809	25,335	40,487	
Total Canada 1968	772,518	2,332,441	766,575	1,170,507	6,378,191	438,169	283,017	
Total Canada 1967	904,176	1,218,973	784,690	1,194,047	6,044,880	432,005	295,921	

2. Refined Petroleum Products; August 1968.
Catalogue No. 45-004

Production of refined petroleum products increased 6.7% in August to 35,783,467 from 33,526,046 in the same month last year, according to an advance release of data that will be contained in the August issue of the D.B.S. report "Refined Petroleum Products". Catalogue No. 45-004.

Receipts of crude oil increased 8.1% in August to 36,312,438 barrels from 33,597,882 a year earlier. There was 1.5% more domestic crude at 20,054,272 barrels versus 19,760,300 and 17.5% more imported crude at 16,258,166 versus 13,837,582. Domestic disappearance of finished petroleum products increased 9.5% to 40,028,987 barrels from 36,539,683 in the same month last year.

Sales of petroleum products in August increased 10.3% from last year; and sales for the first eight months of 1968 are up 6.2% over the same period in 1967; an increase of 8.2% was noted for the first eight months 1967 over the previous year.

Inventories of all products were 92.1 millions barrels at the end of August 1968; an increase of 6.7 million barrels over August 1967 and 4.5 million barrels over August 1966.

IMPORTS Into Canada Of Selected Petroleum Products, August 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	19,584	22,282	145,248	18,774	569,851	859,645
Quebec	313,480	46,118	338,190	975,326	3,384,754	5,375,636
Ontario	255	-	-	799,094	191,959	1,315,271
All other	5,815	319	128,996	85,497	416,627	695,834
Canada totals	339,134	68,719	612,434	1,878,691	4,563,191	8,246,386

EXPORTS Of Selected Petroleum Products, August 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	-	-	-	-	-	-
Quebec	-	-	17,495	21,836	34,513	84,675
Ontario	-	1,231	-	130,393	17,374	198,336
Alberta	-	-	-	-	1,376	1,376
B.C.	44,413	-	166,501	38,069	-	282,320
Canada totals	44,413	1,231	183,996	190,298	53,263	566,707

NET SALES In Canada Of Selected Petroleum Products, August 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadians gallons								
Newfoundland	220,396	61,713	221,343	81,871	262,014	992,688	7,861,359	7,476,301
Maritimes	1,072,589	98,999	328,189	177,460	1,135,903	3,271,330	27,991,558	25,167,893
Quebec	3,499,703	139,629	767,308	1,236,738	5,041,972	12,479,523	91,924,124	84,772,500
Ontario	5,436,277	79,014	805,341	1,203,225	1,971,956	11,564,501	98,000,333	92,909,831
Manitoba	760,621	25,856	257,192	119,851	37,443	1,412,900	10,365,817	10,305,758
Saskatchewan	1,072,941	30,105	398,385	22,641	29,656	1,773,405	12,224,456	12,269,157
Alberta	1,469,521	15,466	530,825	16,380	81,844	2,558,349	17,470,734	16,967,357
British Columbia	1,665,652	55,956	657,286	79,852	638,855	3,565,400	28,381,698	27,362,125
North West Territories and Yukon	27,485	1,939	95,752	24,604	17,571	199,101	865,012	735,107
Canada Totals	15,225,185	508,677	4,061,621	2,962,622	9,217,214	37,817,197	-	-
Canada cumulative 1968 ...	99,692,888	11,623,523	27,957,780	58,767,693	62,192,793	-	295,085,091	-
Canada cumulative 1967 ...	94,080,739	11,402,055	27,431,888	54,241,615	57,171,251	-	-	277,966,029

(1) Included with Maritimes.

(2) Included with Quebec.

Refinery Production in Canada of Selected Petroleum Products, August 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products	Total All Products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadian gallons								
Newfoundland	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	1,104,627	202,239	(2)	860,726	836,039	3,842,921	25,787,027	26,418,122
Quebec	3,721,029	365,068	1,452,712	2,214,910	2,595,970	12,158,438	90,593,217	79,466,711
Ontario	3,904,245	384,427	574,877	1,643,010	1,749,765	9,722,860	81,239,559	76,170,487
Manitoba	582,521	54,142	215,567	73,571	69,753	1,306,438	10,256,678	9,405,988
Saskatchewan	935,446	131,114	95,606	450,080	104,584	2,022,510	15,255,057	15,956,827
Alberta	1,602,201	219,025	583,594	133,170	193,235	3,433,737	24,893,079	24,303,922
British Columbia	1,226,395	158,304	926,608	73,946	313,229	3,212,677	26,854,577	24,644,446
North West Territories and Yukon	2,653	-	- 2,088	22,448	30,272	83,886	540,713	480,222
Canada Totals	13,079,117	1,514,319	3,846,876	5,471,861	5,892,847	35,783,467	-	-
Canada cumulative 1968 ..	97,105,572	13,064,187	32,429,219	43,241,049	48,706,939	-	275,419,907	-
Canada cumulative 1967 ..	91,533,784	12,716,071	30,089,523	40,077,471	43,356,221	-	-	256,846,725



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002
Vol 3, No. 52

November 25, 1968

Retail Gasoline Statistics by Metropolitan Area,
Third Quarter, 1968

Retail sales of gasoline in Canada's major metropolitan areas for the Third quarter of 1968 were 351.2 million gallons. This amount was dispensed through 6,478 outlets.

6503-521



The breakdown by area is as follows:

	Metropolitan Areas					
	Montreal	Ottawa Hull*	Toronto Hamilton	Winnipeg*	Vancouver*	Total
<u>Outlets</u>						
Number of branded outlets	2,158	443	2,294	476	1,025	6,396
Number of other outlets	62	-	20	-	-	82
Totals	2,220	443	2,314	476	1,025	6,478
<u>Gallonage</u> ('000 gallons)						
Dispensed through branded outlets	110,996	23,641	136,485	22,796	52,377	346,295
Dispensed through other outlets	3,520	-	1,472	-	-	4,992
Totals	114,516	23,641	137,957	22,796	52,377	351,287

* In Winnipeg, Vancouver and Ottawa - Hull areas, branded and other outlets are combined.

Using estimated vehicle registration statistics, passenger cars per service station in the five metropolitan areas averaged 361. The Toronto-Hamilton area has an average of 418 passenger cars per station, followed by Ottawa-Hull with 377, Vancouver with 333, Winnipeg 326 and Montreal, 320.

Population per car in these metropolitan areas is estimated at 3.2. This compares favourably with the Canada figure of 3.5. The city of Vancouver has a population per car of 2.7, followed by Toronto-Hamilton, Ottawa-Hull, Montreal and Winnipeg with the last area registering a ratio of 3.3 persons per car.

During the third quarter of 1968, gasoline sold through retail pump outlets in the metropolitan areas averaged 133 gallons per vehicle. Montreal shows an average of 142 gallons; Vancouver 135; Winnipeg, 131; Toronto-Hamilton, 127; Ottawa-Hull, 127.

With the exception of Winnipeg and Vancouver, metropolitan areas are not identical with census metropolitan areas. Population and vehicle numbers for these are as follows:

	Population* 1st June 1967	Passenger cars(1,2)*	Commercial vehicles(1)*
Montreal	2,703,460	711,500	95,000
Ottawa-Hull	517,418	167,000	19,000
Toronto-Hamilton	2,806,179	967,600	118,000
Winnipeg	514,000	155,000	19,500
Vancouver	923,000	341,800	47,500
Total Canada	20,405,000	5,830,000	1,723,075

(1) 1967 registrations.

(2) Taxis included.

* Estimates.

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Government
Publications

Catalogue No. 57-002
Vol. 3, No. 53
December 2, 1968

CONTENTS

	Page
1. Electric and Gas Meter Registrations, 1967 Cat. No. 57-201	2
2. Preliminary (1) Report on Coal Production, October, 1968	3

6503-521

1. Electric and Gas Meter Registrations, 1967 Cat. No. 57-201

Electric Meters, by Customer Division, in Service in Canada, 1967

	1957		1966		1967		% growth rates	
	Number	%	Number	%	Number	%	Average p.a. 1957-67	1966-67
Domestic and farm	4,126,396	86.9	5,536,754	87.5	5,675,733	87.5	3.2	2.5
Commercial	513,835	10.8	650,099	10.3	669,211	10.3	2.7	2.9
Power	108,405	2.3	136,942	2.2	143,217	2.2	2.8	4.6
Totals	4,748,636	100.0	6,323,795	100.0	6,488,161	100.0	3.2	2.6

The growth in total meter registrations in 1967 was again lower than the average of the recent past. The commercial and power sectors grew at an above average rate, while the domestic and farm sector increased by a smaller rate than that averaged over the past ten years.

Gas Meters, by Fuel Division, in Service in Canada, 1967

	1957		1966		1967		% growth rates	
	Number	%	Number	%	Number	%	1966-67	
Natural gas	599,633	62.8	1,678,965	98.0	1,739,577	98.0	3.6	
Manufactured gas	350,558	36.7	14,785	0.8	14,248	0.8	(3.6)	
Bottled gas	4,843	0.5	20,580	1.2	22,784	1.2	10.7	
Totals	955,034	100.0	1,714,333	100.0	1,776,609	100.0	3.6	

Nearly all gas meters registered in Canada are of the natural gas type, whereas in 1957 they comprised less than two-thirds of the total. Manufactured gas meters, on the other hand, continue to decline each year and now comprise less than 1% of the total. The number of bottled gas registrations continues to show steady growth.

Electric Meter Registrations by Province and Type of Service as at December 31, 1967

Province	Domestic	General service (com- mercial)	Power	Farm	Total
Newfoundland	94,834	11,157	840	-	106,831
Prince Edward Island	25,177	5,165	435	2	30,777
Nova Scotia	204,254	22,499	8,205	11,922	234,960
New Brunswick	143,771	15,642	4,151	40,986	175,486
Quebec	1,542,317	176,832	35,657	136,430	1,795,792
Ontario	1,958,765	202,578	33,783	39,779	2,331,556
Manitoba	271,108	41,041	14,018	67,035	365,946
Saskatchewan	199,848	43,903	4,921	66,345	315,707
Alberta	314,136	62,740	10,324	4,937	453,545
British Columbia	547,256	85,768	30,768	-	668,729
Yukon	2,721	821	29	-	3,571
Northwest Territories	4,110	1,065	86	-	5,261
Canada 1967	5,308,297	669,211	143,217	367,436	6,488,161
Canada 1966	5,170,834	650,099	136,942	365,920	6,323,795

2. Preliminary(1) Report on Coal Production, October 1968

Preliminary coal production for the month of October, 1968 amounted to 976,917 tons, a decrease of 5.9% from the October 1967 preliminary production of 1,038,342 tons. Landed imports were 1,912,732 tons compared with 2,153,260 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(3)	Landed(2) imports	Production(3)	Landed(2) imports
net tons of 2,000 pounds				
<u>October 1968</u>				
Newfoundland	-	-	-	2,985
Nova Scotia	317,323	35,261	296,631	55,382
New Brunswick	65,871	432	74,575	369
Quebec	-	139,524	-	93,507
Ontario	-	1,977,972	-	1,760,286
Manitoba	-	-	-	203
Saskatchewan	200,322	71	182,446	-
Alberta - Bituminous	80,907	-	83,430	-
Sub-bituminous	291,613	-	262,807	-
British Columbia and Yukon ..	82,306	-	77,028	-
Canada totals	1,038,342	2,153,260	976,917	1,912,732
<u>Ten months ended October</u>				
Newfoundland	-	9,080	-	8,859
Nova Scotia	3,135,020	283,310	2,611,824	430,960
New Brunswick	674,177	1,365	630,307	1,308
Quebec	-	609,599	-	631,347
Ontario	-	12,285,819 ^r	-	13,241,335
Manitoba	-	1,906	-	1,572
Saskatchewan	1,555,381	1,086	1,803,396	1,683
Alberta - Bituminous	756,734	-	784,799	-
Sub-bituminous	1,942,000	-	2,236,706	-
British Columbia and Yukon ..	794,833	442	765,205	207
Canada totals	8,858,145	13,192,607 ^r	8,832,237	14,317,271

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

(2) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(3) All figures are preliminary.

^r Revised figures.

SERVICE BULLETIN

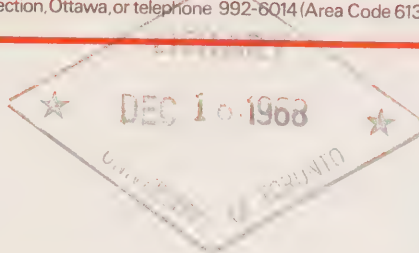
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Government
Publications

December 5, 1968

Catalogue No. 57-002
Vol. 3, No. 54

Errata to Energy Service Bulletin No. 53

1. Electric And Gas Meter Registrations, 1967 Cat. No. 57-201

Electric Meter Registrations by Province and Type of Service as at December 31, 1967

Province	Farm
Newfoundland	-
Prince Edward Island	-
Nova Scotia	2
New Brunswick	11,922
Quebec	40,986
Ontario	136,430
Manitoba	39,779
Saskatchewan	67,035
Alberta	66,345
British Columbia	4,937
Yukon	-
Northwest Territories	-
Canada 1967	367,436
Canada 1966	365,920

6503-521

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Catalogue No. 57-002.
Vol. 3, No. 55

December 13, 1968

CONTENTS

	Page
1. Sales of Natural Gas, September 1968	1
2. Oil Pipe Line Transport, 1966	3

1. Sales of Natural Gas, September 1968, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers by distribution companies for September, 1968 were 46,009,640 Mcf. This was an increase of 23.3% over the same month last year. Revenues amounted to \$24,823,468.

Sales to residential customers accounted for 14.1%, with 73.4% being used by industrial customers and the remaining 12.5% by commercial customers.

6503-521



Sales of Natural Gas, September 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
<u>Residential</u>				
New Brunswick	130	1,824	2,465	8,890
Quebec	94,465	199,378	386,227	996,511
Ontario	547,400	681,730	2,039,065	3,013,178
Manitoba	101,966	104,401	458,512	511,766
Saskatchewan	113,398	118,927	679,681	718,011
Alberta	253,305	255,807	1,920,128	1,360,492
British Columbia	173,378	192,252	988,072	1,652,040
Canada	1,284,042	1,554,319	6,474,150	8,260,888
<u>Industrial</u>				
New Brunswick	-	-	-	-
Quebec	2,252	2,252	2,751,522	1,227,135
Ontario	7,411	7,411	12,733,306	6,766,904
Manitoba	292	292	1,268,891	369,798
Saskatchewan	598	598	3,938,026	931,497
Alberta	846	846	8,580,542	1,551,597
British Columbia	321	321	4,510,885	1,361,825
Canada		11,220	18,773,462	12,208,756
Firm		11,140	26,220,519	9,327,341
Interruptible		880	7,552,943	2,881,415
<u>Commercial</u>				
New Brunswick	60	60	1,305	2,938
Quebec	10,193	10,193	215,943	279,456
Ontario	60,405	60,405	2,517,049	2,304,516
Manitoba	9,266	9,266	291,235	233,571
Saskatchewan	15,965	15,965	303,785	213,641
Alberta	28,809	28,809	1,797,280	737,406
British Columbia	24,532	24,532	615,431	582,296
Canada		149,230	5,742,028	4,353,824
<u>Total sales</u>				
New Brunswick	1,884	1,884	3,770	11,828
Quebec	211,823	211,823	3,363,992	2,503,102
Ontario	749,546	749,546	17,289,420	12,084,598
Manitoba	113,959	113,959	2,018,638	1,115,135
Saskatchewan	135,490	135,490	4,921,492	1,863,149
Alberta	285,462	285,462	12,297,940	3,649,495
British Columbia	217,105	217,105	6,114,388	3,596,161
Canada		1,715,269	46,009,640	24,823,468
Total exports			47,326,979	12,227,205
Total imports			5,655,136	5,742,231

2. Oil Pipe Line Transport, 1966, Catalogue No. 55-201

Net receipts into pipe lines during 1966 totalled 536.2 million barrels, up 10.9 per cent from 483.6 million barrels in 1965. Operating revenues, \$160.2 million in 1966, increased 9.9 per cent over 1965 and operating expenses, \$38.1 million, increased 10.4 per cent.

Total mileage of all oil pipe lines increased to almost 13,000 miles and total traffic exceeded 225 billion barrel miles.

Oil Pipe Line Transport - Selected Statistics

	1961	1962	1963	1964	1965	1966
<u>Consumption by Canadian refineries of</u>						
Domestic production	157.2	173.6	186.2	199.5	208.6	220.2
Imports	133.2	135.4	146.6	143.9	144.0	158.5
Pipe line exports of domestic production	67.3	86.6	91.2	104.2	110.3	129.8
<u>Net receipts into pipe lines</u>						
Crude oil (domestic)	221.6	254.9	274.0	297.8	315.4	344.9
All commodities	352.5	387.5	431.1	459.8	483.6	536.2
Operating revenues	106.7	122.7	128.6	138.5	145.8	160.2
Operating expenses	24.6	28.1	30.4	32.1	34.5	38.1
Net income (after income tax)	30.7	35.7	39.3	46.0	55.5	55.6
Total fixed assets(1)	535.6	557.7	582.7	617.8	654.0	723.0
Long term debt	322.7	309.8	298.8	291.1	299.2	344.2
Barrel miles	147,032.1	160,208.1	175,492.6	191,241.6	203,999.4	228,125.5
<u>Pipe line mileage</u>						
Gathering	3,164.4	3,494.3	3,681.5	3,792.2	4,055.7	4,314.5
Trunk-crude	3,202.6	3,458.3	3,811.5	6,257.4	6,564.5	6,986.2
Products lines	1,186.9	1,084.7	1,114.4	1,694.7	1,694.8	1,694.7
Totals	9,553.9	10,037.3	10,607.4	11,744.3	12,315.0	12,995.4
Average length of haul	426.8	438.6	410.5	421.7	424.5	429.5
<u>Employees</u>						
Number	1,498	1,496	1,501	1,492	1,542	1,437
Earnings	9,579	9,934	10,324	10,665	10,929	11,512

(1) Before depreciation.

Oil Pipe Line Mileage by Provincial Size of Pipe in Service, as at December 31, 1966

	Diameter of pipe in inches				
	0-5.9	6-12.9	13-18.9	19 and over	Total
	miles				
<u>Gathering lines</u>					
British Columbia	112.4	185.8	-	-	298.2
Alberta	1,666.8	883.7	10.7	-	2,561.2
Saskatchewan	685.4	624.0	-	-	1,309.4
Manitoba	106.6	39.1	-	-	145.7
Canada	2,571.2	1,732.6	10.7	-	4,314.5

Trunk lines, crude oil

British Columbia	-	570.0	-	520.9	1,090.9
Alberta	153.4	2,097.8	315.5	880.8	3,447.5
Saskatchewan	22.5	210.8	404.6	733.4	1,371.3
Manitoba	-	86.8	264.7	280.2	631.7
Ontario	-	66.2	2.1	164.6	232.9
Quebec	-	72.9	70.8	68.2	211.9
Canada	175.9	3,104.5	1,057.7	2,648.1	6,986.2

Product lines

Yukon Territory	55.5	-	-	-	55.5
British Columbia	35.0	-	-	-	35.0
Alberta	123.1	2.5	-	-	125.6
Saskatchewan	-	384.0	-	-	384.0
Manitoba	-	194.5	-	-	194.5
Ontario	-	847.1	-	-	847.1
Quebec	-	53.0	-	-	53.0
Canada	213.6	1,481.1	-	-	1,694.7

Total - All lines

Yukon Territory	55.5	-	-	-	55.5
British Columbia	147.4	755.8	-	520.9	1,424.1
Alberta	1,943.3	2,984.0	326.2	880.8	6,134.3
Saskatchewan	707.9	1,218.8	404.6	733.4	3,064.7
Manitoba	106.6	320.4	264.7	280.2	971.9
Ontario	-	913.3	2.1	164.6	1,080.0
Quebec	-	125.9	70.8	68.2	264.9
Canada	2,960.7	6,318.2	1,068.4	2,648.1	12,995.4



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Catalogue No. 57-002
Vol. 3 No. 56

December 18, 1968

Government
Publications

CONTENTS

	Page
1. Crude Petroleum and Natural Gas Production, January 1968	1
2. Preliminary Electric Energy Statistics, October 1968	3

1. Crude Petroleum and Natural Gas Production, January 1968; Catalogue No. 26-006

Production of crude petroleum and equivalent hydrocarbons during January 1968 amounted to 33,313,528 barrels (1,074,630 barrels/day), an increase of 3.9 per cent (40,444 barrels/day) from January 1967.

Natural gas production during January 1968 increased 10.4 per cent to 176,290,144 Mcf. from 159,642,541 Mcf. in January 1967.



6503-521

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TABLE 1. Production of Crude Oil and Equivalent, January 1968

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	barrels							
<u>Domestic production</u>								
Crude oil	668	101,554	489,030	7,686,615	21,356,201	1,752,272	87,997	31,474,337
Less returned to formation	-	-	-	-	986,562	-	8,784	995,346
Condensate	-	-	-	-	65,386	3,339	-	68,725
Pentanes plus	-	-	-	22,162	2,653,132	90,518	-	2,765,812
Net withdrawals	668	101,554	489,030	7,708,777	23,088,157	1,846,129	79,213	33,313,528

- 2 -

TABLE 2. Production of Natural Gas, January 1968

	New Brunswick and Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	Mcf.						
<u>Field and processing plant production</u>							
Gross new production	24,339	1,024,625	6,679,081	151,679,211	23,966,569	62,222	183,436,047
Less field flared and waste	-	-	964,022	5,206,606	917,239	58,036	7,145,903
Net new production	24,339	1,024,625	5,715,059	146,472,605	23,049,330	4,186	176,290,144
Less injected and stored	-	-	7,370	17,874,021	664,119	-	18,545,510
Net withdrawals	24,339	1,024,625	5,707,689	128,598,584	22,385,211	4,186	157,744,634

2. Preliminary Electric Energy Statistics,
October 1968, Catalogue No. 57-001

Net generation of electric energy increased 7.9% to 15,057,274 thousand kwh. in October 1968 from 13,957,966 thousand kwh. in October 1967. Hydro generation increased 4.0% while thermal output was up 21.2%.

A small increase in imports and a small decrease in exports resulted in a net export of 2,062 thousand kwh. in October 1968 compared with a net export of 17,502 thousand kwh. in the same month last year.

Secondary energy consumption decreased 29% to 160,914 thousand kwh. from 227,125 thousand kwh. in October 1967. Firm energy consumption was up 8.6% to 14,894,298 thousand kwh.

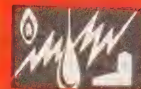
Total generation for the 12 month period ending October 31, 1968 amounted to 173,148,683 thousand kwh.

Preliminary Electric Energy Statistics

(thousand kwh)

	October		
	1966	1967	1968
Net generation - Hydro	10,813,552 ^r	10,800,738 ^r	11,228,749
Thermal	2,783,462 ^r	3,157,228 ^r	3,828,525
Total net generation	13,597,014 ^r	13,957,966 ^r	15,057,274
Energy imported from U.S.A.	286,752	348,934	357,672
Energy exported to U.S.A.:			
Firm	49,105	65,596	64,645
Secondary	370,910	300,840	295,089
Total exported to U.S.A.	420,015	366,436	359,734
Net energy used in Canada	13,463,751	13,940,464	15,055,212
Secondary energy used in Canada	432,506	227,125	160,914
Firm energy used in Canada	13,031,245	13,713,339	14,894,298

^r Revised figures.



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Government
Publication

Catalogue No. 57-002
Vol. 3 No. 57

December 23, 1968

1. Oil Pipeline Transport, Natural Gas Pipeline Transport
and Distribution Companies Preliminary Financial Statistics
Nine Months ending September 30, 1967-68

For the nine month period ending September 30, 1968, net income for oil pipeline companies was \$34.9 million compared to the \$36.1 million reported for the same period in 1967. Net income of gas pipeline transport companies decreased to \$22.4 million, 5.5 per cent less than the \$23.7 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributors' revenues, was \$34.2 million, up 18.8 per cent from \$28.8 million.

Fixed assets as at September 30, 1968, totalled \$821.3 million for oil pipeline companies (up 9.7 per cent from \$748.7 million), \$1,374.2 million for gas pipeline companies (up 10.0 per cent from \$1,248.7 million), and \$1,160.5 million for gas distribution companies (up 9.7 per cent from \$1,057.9 million).



Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Nine Months Ending September 30, 1967-68

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1967	1968	1967	1968	1967	1968
	millions of dollars					
Total operating revenues	126.4	131.8	209.8	233.4	264.7	303.2
Total operating expenses	29.9	32.6	131.6	153.9	181.9	208.1
Net revenue from operations	96.5	99.2	78.2	79.5	82.8	95.1
Other income and income from affiliated companies	8.2	7.1	1.3	2.0	3.8	6.3
Other deductions and fixed charges:						
Depreciation	19.1	19.6	22.3	23.7	17.6	20.1
Interest on long term debt	12.8	14.2	30.5	33.7	21.3	23.4
Other	1.3	1.2	3.0	1.6	3.1	5.4
Total	33.2	35.0	55.8	59.0	42.0	48.9
Net income before taxes	71.5	71.3	23.7	22.5	44.6	52.5
Provision for income taxes	35.4	36.4	-	0.1	15.8	18.3
Net income after taxes	36.1	34.9	23.7	22.4	28.8	34.2

Quarterly Statement

Assets, Liabilities and Net Worth as at September 30, 1967-68

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1967	1968	1967	1968	1967	1968
	millions of dollars					
<u>Assets</u>						
Current assets:						
Cash	33.8	32.9	15.9	14.4	7.0	1.5
Accounts receivable less provision for doubtful accounts	23.1	24.8	24.2	38.4	52.4	91.2
Inventories of materials and supplies(1)	3.2	3.5	5.5	7.0	33.4	39.8
Other current assets	1.3	2.0	0.7	1.8	14.4	13.0
Total	61.4	63.2	46.3	61.6	107.2	145.5
Investments	60.1	56.6	61.1	72.4	161.8	182.4
Fixed assets	748.7	821.3	1,248.7	1,374.2	1,057.9	1,160.5
Less depreciation and amortization	237.7	255.2	190.6	216.7	174.4	204.7
Net fixed assets	511.0	566.1	1,058.1	1,157.5	883.5	955.8
Deferred debits	3.2	4.1	22.2	23.4	26.8	27.7
Total assets	635.7	690.0	1,187.7	1,314.9	1,179.3	1,311.4
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	6.2	19.1	49.4	44.3	28.9	83.6
Accounts payable	38.2	52.2	56.1	48.8	78.2	89.8
Long term debt due within one year less long term debt owned	18.7	23.6	24.0	25.3	13.4	14.8
Other current liabilities	1.8	1.1	0.1	0.2	5.7	6.1
Total	64.9	96.0	129.6	118.6	126.2	194.3
Long term debt	317.9	313.3	712.1	792.2	520.8	577.4
Deferred credits	50.3	56.8	6.0	6.1	25.6	30.8
Capital stock and surplus:						
Preferred	11.4	11.3	77.7	128.2	134.6	133.8
Common	73.5	74.7	96.9	97.3	195.1	194.6
Contributed surplus	22.3	24.6	90.5	91.5	39.7	33.0
Retained earnings	95.4	113.3	74.9	81.0	137.3	147.5
Total	202.6	223.9	340.0	398.0	506.7	508.9
Total liabilities and net worth	635.7	690.0	1,187.7	1,314.9	1,179.3	1,311.4

(1) Includes oil and gas inventories and gas stored under ground.

Catalogue No. 57-002
Vol. 3, No. 58

December 27, 1968

Government
PublicationsCONTENTS

	Page
1. Coal and Coke Statistics, October 1968	1
2. Refined Petroleum Products, September 1968	3

1. Coal and Coke Statistics, October 1968, Cat. No. 45-002

Coal production for the month of October 1968 amounted to 987,424 tons a decrease of 9.8% from the October 1967 production of 1,094,574 tons, while landed imports were 1,912,732 tons compared with 2,153,260 tons for the month of October 1967. Consumption by industrial consumers amounted to 1,450,814 tons of coal and 516,235 tons of coke, a decrease of 63,086 tons of coal and an increase of 23,833 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 7,126,934 tons from 6,733,549 tons in October 1967.

Coke production during the month of October 1968, increased to 433,059 tons from 398,601 tons in October 1967, while coke used in blast furnaces increased to 368,249 tons from 351,590 tons during the same period.

6503-521

Coal and Coke Statistics

October 1968

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	2,985	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	297,348	55,382	371,534	73,673	23,752	35,706	-
New Brunswick	78,756	369	78,041	66,095	51,047	-	-
Quebec	-	93,507	-	107,543	340,494	57,882	143,186
Ontario	-	1,760,286	-	872,077	6,085,617	396,127	118,116
Manitoba	-	203	-	23,544	106,804	324	530
Saskatchewan	182,446	-	180,845	106,336	175,181	-	-
Alberta	353,350	-	352,974	189,142	34,474	431	172
British Columbia and Yukon	75,524	-	83,107	12,404	12,156	25,765	35,405
Total Canada 1968	987,424	1,912,732	1,066,501	1,450,814	6,829,525	516,235	297,409
Total Canada 1967	1,094,574	2,153,260	1,052,866	1,513,900	6,418,137	492,402	315,412

2. Refined Petroleum Products; September 1968
Catalogue No. 45-004

Production of refined petroleum products increased 0.9% in September to 32,778,825 from 32,490,398 in the same month last year, according to an advance release of data that will be contained in the September issue of the DBS report "Refined Petroleum Products". Catalogue No. 45-004.

Receipts of crude oil increased 2.7% in September to 32,178,296 barrels from 31,345,672 a year earlier. There was 4.7% more domestic crude at 19,141,725 barrels versus 18,284,453 and 0.2% less imported crude at 13,036,571 versus 13,061,219. Domestic disappearance of finished petroleum products increased 4.3% to 37,159,791 barrels from 35,628,374 in the same month last year.

Sales of petroleum products in September increased 3.3% from last year; and sales for the first nine months of 1968 are up 5.8% over the same period in 1967; an increase of 7.4% was noted for the first nine months of 1967 over the previous year.

Inventories of all products were 95.7 million barrels at the end of September 1968; an increase of 7.5 million barrels over September 1967 and 6.0 million barrels over September 1966.

IMPORTS Into Canada Of Selected Petroleum Products, September 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	246,393	-	7,414	321,714	942,362	1,767,868
Quebec	409,013	240,492	448,622	410,562	1,793,661	3,771,468
Ontario	-	-	129,841	559,309	319,698	1,232,472
All other	994	481	120,927	-	329,456	491,119
Canada totals	656,400	240,973	706,804	1,291,585	3,385,177	7,262,927

- 4 -

EXPORTS Of Selected Petroleum Products, September 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Maritimes	-	-	-	-	-	-
Quebec	-	-	15,451	-	-	25,217
Ontario	-	3,338	-	152,921	38,426	281,831
Saskatchewan	-	-	-	-	-	6,743
Alberta	-	-	-	-	1,609	1,609
B.C.	46,304	1,979	114,078	29,019	-	217,543
Canada totals	46,304	5,317	129,529	181,940	40,035	532,943

NET SALES In Canada Of Selected Petroleum Products, September 1968

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadians gallons								
Newfoundland	189,133	81,804	233,214	107,370	363,235	1,067,726	8,929,085	8,272,957
Maritimes	831,725	126,358	321,792	307,968	1,109,117	3,075,918	31,067,476	27,967,088
Quebec	3,187,898	171,251	665,896	1,353,529	3,697,985	10,772,144	102,696,268	95,948,363
Ontario	4,682,937	139,314	855,844	1,413,627	1,695,359	10,693,872	108,694,205	102,921,205
Manitoba	732,849	51,476	255,914	54,191	35,177	1,381,222	11,747,039	11,654,239
Saskatchewan	1,038,454	65,602	334,914	49,477	37,178	1,741,113	13,965,569	14,004,470
Alberta	1,365,615	43,578	495,564	31,862	43,315	2,405,303	19,876,037	19,474,465
British Columbia	1,325,504	138,311	584,238	200,845	637,083	3,344,972	31,726,670	30,451,853
North West Territories and Yukon	26,055	4,788	163,820	19,084	16,413	255,606	1,120,618	913,439
Canada totals	13,380,170	822,482	3,911,196	3,537,953	7,634,862	34,737,876	-	-
Canada cumulative 1968 ...	113,073,058	12,446,005	31,868,976	62,305,646	69,827,655	-	329,822,967	-
Canada cumulative 1967 ...	107,498,206	12,323,943	30,886,514	56,849,457	64,634,211	-	-	311,608,079

Refinery Production in Canada of Selected Petroleum Products, September 1968

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products	Total All Products	
			Diesel	Light	Heavy		Cumulative 1968	Cumulative 1967
barrels of 35 Canadian gallons								
Newfoundland	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	727,842	79,272	(2)	130,052	535,297	2,320,474	28,107,501	29,508,206
Quebec	3,402,353	250,915	1,457,697	1,971,162	2,242,500	10,809,908	101,403,125	89,518,532
Ontario	3,755,486	253,983	683,905	1,636,424	1,777,511	9,621,827	90,861,386	85,726,760
Manitoba	590,150	84,828	165,265	82,318	101,617	1,247,019	11,503,697	10,714,067
Saskatchewan	911,038	119,246	320,888	138,805	106,512	1,916,309	17,171,366	18,016,532
Alberta	1,503,515	48,456	547,970	203,291	192,602	3,324,271	28,217,350	27,511,153
British Columbia	1,201,868	136,592	916,683	71,754	362,076	3,464,807	30,319,384	27,789,511
North West Territories and Yukon	7,548	-	20,540	11,852	6,258	74,210	614,923	552,362
Canada totals	12,099,800	973,292	4,112,948	4,245,658	5,324,373	32,778,825	-	-
Canada cumulative 1968 ..	109,205,372	14,037,479	36,542,167	47,486,707	54,031,312	-	308,198,732	-
Canada cumulative 1967 ..	103,626,117	13,855,838	33,357,253	45,564,673	48,321,235	-	-	289,337,123

(1) Included with Maritimes.

(2) Included with Quebec.

Catalogue No. 57-002
Vol 3, No. 59

January 8, 1969.

SEASONS GREETINGS
FROM THE ENERGY AND MINERALS SECTION STAFF

Sales of Natural Gas, October 1968, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers by distributors for October 1968 were 56,960,132 Mcf. This was an increase of 15.0% over the same month last year. Revenue from sales was \$33,778,759.

Sales to residential customers accounted for 20.3%, industrial customers 64.6%, and to commercial customers 15.1%.

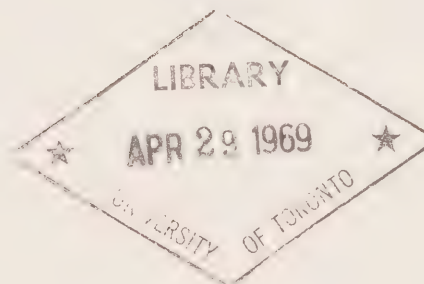
R.L. Borden, Chief

D.F. Heney - Electricity & Coal

M.I. Cavanagh - Co-ordination & Research

A.J. Côté - Oil and Gas

A.J. Symons - Minerals



6503-521

Sales of Natural Gas, October 1968

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
<u>Residential</u>				
New Brunswick	130	1,817	2,430	8,560
Quebec	110,868	202,128	689,604	1,444,226
Ontario	549,369	690,903	3,894,833	5,375,980
Manitoba	103,005	105,429	837,430	799,768
Saskatchewan	113,874	119,423	995,418	930,090
Alberta	256,340	258,231	3,140,970	1,874,170
British Columbia	175,066	193,800	1,987,469	3,300,424
Canada	1,308,652	1,571,731	11,548,154	13,733,218
<u>Industrial</u>				
New Brunswick	-	-	-	-
Quebec		1,492	2,890,032	1,381,415
Ontario		7,542	14,502,795	7,724,976
Manitoba		296	1,248,650	364,471
Saskatchewan		610	3,765,996	916,765
Alberta		807	9,830,572	1,799,529
British Columbia		317	4,556,893	1,681,715
Canada		11,064	36,794,938	13,868,871
Firm		10,479	28,900,627	10,934,454
Interruptible		585	7,894,311	2,934,417
<u>Commercial</u>				
New Brunswick		60	1,235	2,719
Quebec		10,252	371,012	485,529
Ontario		61,192	3,198,093	2,870,438
Manitoba		9,334	589,798	430,875
Saskatchewan		16,125	586,613	359,535
Alberta		29,267	2,948,628	1,147,725
British Columbia		24,762	921,661	879,849
Canada		150,992	8,617,040	6,176,670
<u>Total sales</u>				
New Brunswick		1,877	3,665	11,279
Quebec		213,872	3,950,648	3,311,170
Ontario		759,637	21,595,721	15,971,394
Manitoba		115,059	2,675,878	1,595,114
Saskatchewan		136,158	5,348,027	2,206,390
Alberta		288,305	15,920,170	4,821,424
British Columbia		218,879	7,466,023	5,861,988
Canada		1,733,787	56,960,132	33,778,759
Total exports			54,227,241	12,886,752
Total imports			3,824,415	2,162,725

SERVICE BULLETIN

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ENERGY STATISTICS



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613,

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Catalogue No. 57-002
Vol. 3, No. 60

January 9, 1969.



Government
Publications

Preliminary(1) Report on Coal Production

November 1968

Preliminary coal production for the month of November amounted to 1,031,625 tons, a decrease of 11.6% from the November 1967 preliminary production of 1,167,428 tons. Landed imports were 2,008,674 tons compared with 1,873,220 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

6503-521

D.B.S. Regional Offices — St. Johns • Halifax • Montreal • Toronto • Winnipeg • Edmonton • Vancouver

DOMINION BUREAU OF STATISTICS



Production and Landed Imports of Coal, by Provinces

	1967		1968	
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
	net tons of 2,000 pounds			
<u>November</u>				
Newfoundland	-	3,384	-	383
Nova Scotia	340,607	46,823	272,826	17,322
New Brunswick	60,809	252	64,991	231
Quebec	-	111,906	-	166,126
Ontario	-	1,710,533	-	1,824,581
Manitoba	-	283	-	31
Saskatchewan	238,706	-	196,036	-
Alberta - Bituminous	86,867	-	93,447	-
Sub-bituminous	341,490	-	332,747	-
British Columbia and Yukon ..	98,949	39	71,578	-
Canada totals	1,167,428	1,873,220	1,031,625	2,008,674
<u>Eleven months ended November</u>				
Newfoundland	-	12,464	-	9,242
Nova Scotia	3,475,627	330,133	2,884,650	448,282
New Brunswick	734,986	1,617	695,298	1,539
Quebec	-	721,505	-	797,473
Ontario	-	13,996,352	-	15,065,916
Manitoba	-	2,189	-	1,603
Saskatchewan	1,794,087	1,086	1,999,432	1,683
Alberta - Bituminous	843,601	-	878,246	-
Sub-bituminous	2,283,490	-	2,569,453	-
British Columbia and Yukon ..	893,782	481	836,783	207
Canada totals	10,025,573	15,065,827	9,863,862	16,325,945

(1) Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

(2) All figures are preliminary.

SERVICE BULLETIN

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ENERGY STATISTICS

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INDEX TO SERVICE BULLETIN-IND-SB-(3) ENERGY STATISTIC NO. 57-002

<u>Subject</u>	<u>Catalogue No.</u>	<u>SB No.</u>
<u>Coal and Coke Statistics</u>	45-002	
October 1967		3-1
November 1967		3-3
December 1967		3-7
January 1968		3-11
February 1968		3-15
March 1968		3-21
April 1968		3-26
May 1968		3-30
June 1968		3-34
July 1968		3-40
August 1968		3-46
September 1968		3-51
October 1968		3-58
Coal and Coke Statistics 1967		3-7
<u>Preliminary Report on Coal Production</u>	26-002	
January 1968		3-7
February 1968		3-10
March 1968		3-15
April 1968		3-21
May 1968		3-25
June 1968		3-30
July 1968		3-37
August 1968		3-41
September 1968		3-47
October 1968		3-53
November 1968		3-60
Preliminary Review of the Coal Mining Industry 1967	26-206	3-28
<u>Preliminary Electric Energy Statistics</u>	57-001	
November 1967		3-2
December 1967		3-6
January 1968		3-7
February 1968		3-13
March 1968		3-18
April 1968		3-23
May 1968		3-27
June 1968		3-31
July 1968		3-38
August 1968		3-44
September 1968		3-50
October 1968		3-56

4-6503-521

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DOMINION BUREAU OF STATISTICS

dbos

<u>Subject</u>	<u>Catalogue No.</u>	<u>SB No.</u>
Installed Generating Capacity 1966-1967		
Preliminary Electric Energy Statistics - 1967		3-2
Preliminary Electric Energy Statistics - 1967 (revised)		3-6
Electric Power Statistics Volume III (Inventory of Prime Mover and Electric Generating Equip- ment as at December 31, 1966)	57-503	3-10
Electric Power Statistics Volume III (Inventory of Prime Mover and Electric Generating Equip- ment as at December 31, 1967) (additions, deletions & changes)	57-503	3-48
Electric Power Statistics Volume I Capability and Load Survey 1967 Review of Survey Results	57-204	3-22
Electric and Gas Meter Registrations 1967	57-201	3-53
Electric and Gas Meter Registration 1967 (Errata)	57-201	3-54
Fuel Used to Generate Electricity 1967	57-201	3-28
<u>Electric Energy</u>		
Monthly Supply and Disposal Electric Energy 1967 (Summary of Monthly Electric Power Statistics incorpo- rating all revisions to date	57-001	3-36
Selected Electric Power Statistics - Production and Dis- posal of Electric Energy in 1967	57-202	3-49
Electricity Bills for Domestic, Commercial and Small Power Service 1967	57-203	3-41
Price Indexes Electric Utility Construction, Distribution Systems, Transmission Lines, Transformation & Switching Stations 1961=100	62-002	3-42
<u>Oil</u>		
Oil Pipeline Transport	55-001	
November 1967		3-9
December 1967		3-14
January 1968		-
February 1968		-
March 1968		3-31
April 1968		3-34
May 1968		3-43
June 1968		3-46
July 1968		3-50
Oil Pipeline Transport 1966	55-201	3-55
Net Cash Expenditures of the Oil and Gas-Exploration, Development and Production Industry, 1967		3-17
Preliminary Production Crude Oil and Equivalent and Natural Gas, by Source 1967	26-006	3-19
Crude Petroleum and Natural Gas Production 1966	26-006	3-20
Crude Petroleum and natural Gas Production January 1968 ..	26-006	3-56

<u>Subject</u>	<u>Catalogue No.</u>	<u>SB No.</u>
<u>Oil</u>		
Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies - Quarterly Financial State- ment		
1st quarter 1968		3-24
2nd quarter 1968		3-43
3rd quarter 1968		3-57
Principal Statistics for Crude Petroleum and Natural Gas Industry, 1961-1965 by Province	26-213	3-49
Refined Petroleum Products	45-004	
October 1967		3-4
November 1967		3-5
December 1967		3-7
January 1968		3-13
February 1968		3-16
March 1968		3-24
April 1968		3-29
May 1968		3-32
June 1968		3-39
July 1968		3-45
August 1968		3-51
September 1968		3-58
Refined Petroleum Products, Volume II	45-208	
Consumption of Petroleum Products 1966		3-11
Refined Petroleum Products 1967	45-204	3-33
Canadian Crude Oil Requirements 1967-1968		
1st quarter		3-2
2nd quarter		3-12
3rd quarter		3-26
4th quarter		3-44
<u>Gas</u>		
Sales of Natural Gas	55-002	
June to September 1967		3-1
October 1967		3-4
November 1967		3-5
December 1967		3-8
January 1968		3-14
February 1968		3-18
March 1968		3-23
April 1968		3-25
May 1968		3-29
June 1968		3-32
July 1968		3-41
August 1968		3-50
September 1968		3-55
October 1968		3-59
Sales of Natural Gas 1967	57-205	3-8
Fossil Fuel Production and Value 1966-1967		3-2

<u>Subject</u>	<u>Catalogue No.</u>	<u>SB No.</u>
<u>Gas - Concluded</u>		
Retail Sales of Gasoline by Metropolitan Area 1967		3-12
1967 (revised)		3-16
1st quarter 1968		3-20
2nd quarter 1968		3-35
3rd quarter 1968		3-52
Receipts and Disposition of Natural Gas Utilities, by Province 1967 & 1966	57-205	3-40
Natural Gas Pipeline Mileage 1965	"	3-27
Natural Gas Pipeline Mileage by Province 1960-67	"	3-40
Gas Pipeline Mileage by Size of Pipe and Province 1966-67 ..	"	3-44

BINDING SECT. NOV 22 1973

Government
Publications

